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FORTY-FIRST

Annual Coal Report of Illinois

DEPARTMENT OF MINES AND MINERALS
1922



ROBERT M. MEDILL, Director
MARTIN BOLT, Assistant Director
Springfield, Illinois

82-37

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INSPECTION DISTRICTS AND STATE INSPECTORS OF MINES
FOR THE FISCAL YEAR ENDING JUNE 30, 1922.

First District—Bureau, Grundy, Henry, LaSalle, Livingston, Mercer,
Putnam, Rock Island and Will Counties.

WALTER A. WAITE, *Inspector*, Spring Valley.

Second District—McLean, Marshall, Peoria, Stark, Tazewell and
Woodford Counties.

WILLIAM E. KIDD, *Inspector*, Peoria.

Third District—Adams, Brown, Cass, Fulton, Hancock, Knox,
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Sixth District—Green, Jersey, Macoupin and Montgomery Counties.

JOHN G. MILLHOUSE, *Inspector*, Litchfield.

Seventh District—Bond, Madison and Marion Counties.

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Eighth District—Clinton and St. Clair Counties.

JAMES R. RICHARDS, *Inspector*, Belleville.

Ninth District—Jackson, Perry, Randolph and Washington Counties.

FRANK ROSBOTTOM, *Inspector*, Duquoin.

Tenth District—Franklin County.

E. J. HOEY, *Inspector*, Christopher.

Eleventh District—Gallatin, Saline and White Counties.

THOMAS ENGLISH, *Inspector*, Harrisburg.

Twelfth District—Johnson and Williamson Counties.

W. L. MORGAN, *Inspector*, Greenville.

RICHARD NEESON, *Inspector-at-Large*, Springfield.

E. S. SMITH, *Fluorspar Inspector*, Rosiclare.

LETTER OF TRANSMITTAL.

STATE OF ILLINOIS,
DEPARTMENT OF MINES AND MINERALS,
SPRINGFIELD, *January 1, 1923.*

Honorable Len Small, Governor of Illinois.

SIR: I have the honor to submit herewith the Forty-first Annual Report of the coal industry of the State for the fiscal year ended June 30, 1922, also containing the report of other divisions of the Department of Mines and Minerals.

Respectfully submitted,

ROBERT M. MEDILL, *Director.*

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FORTY-FIRST ANNUAL COAL REPORT OF ILLINOIS.

INTRODUCTORY.

The year just closed shows a reduction in the amount of coal mined from last year of 16,845,121 tons, due in part to the suspension of operations through the spring and summer months. The production of the shipping mines from July 1, 1920, to March 31, 1921, was 64,502,514 tons and from July 1, 1921, to March 31, 1922, 61,318,710, or a reduction for the nine months of 3,183,804 tons.

There were employed in shipping mines 93,681 men, an increase over last year of 1,601, while the number of mines operated decreased 37 and the number of days worked was 47 less. However, the average tons per man per day for each of the nine months periods is practically the same.

The number of men killed in the past year is 159, or 63 less than the previous year, and the number injured is 3,879, a decrease of 448. Table 37 shows the non-fatal accidents involving a loss of 30 or more days, for the five years under Compulsory Compensation, for five years under Elective Compensation, and by ten-year periods before the Compensation Act was passed.

This report is made up along the lines of those of former years. Changes will be found in a few tables and some new ones added, which, it is hoped, will be an improvement and will meet with the approval of all interested in the mining industry of the State.

A comparison of the main features of this report with that of 1921 follows:

COMPARATIVE SUMMARY, 1921-1922.

	1921	1922	Increase	Decrease
Number of counties producing coal.....	53	52	.....	1
Number of mines operated.....	1,035	1,133	98	.....
Total output of all mines, tons.....	80,121,948	63,276,827	.....	16,845,121
Number of shipping mines.....	389	352	.....	37
Output of shipping mines, tons.....	78,339,082	61,406,093	.....	16,932,989
Number of local mines.....	646	781	135	.....
Output of local mines, tons.....	1,782,866	1,870,734	87,868	.....
Tons shipped.....	50,836,570	38,140,978	.....	12,695,592
Tons sold to railroad companies.....	22,228,449	18,764,287	.....	3,464,162
Tons supplied to locomotives.....	506,993	319,438	.....	187,555
Tons sold to local trade.....	3,518,677	1,656,788	.....	1,861,889
Tons consumed and wasted at the mine.....	2,536,713	1,650,820	.....	885,893
Tons not sold, including loss in preparation.....	494,546	*873,782	.....	361,654
Average days worked, shipping mines.....	174	127	.....	47
Average days worked, local mines.....	140	137	.....	3
Average days worked, all mines.....	152	134	.....	18
Tons washed or rescreened.....	6,436,016	4,348,421	.....	2,087,595
Number of mines using machines.....	243	205	.....	38
Number of machines used.....	2,758	2,762	4	.....
Tons undercut by machines.....	50,338,449	41,168,621	.....	9,169,828
Tons mined by hand.....	29,783,499	20,237,472	.....	9,546,027
Number of employees in shipping mines.....	92,080	93,681	1,601	.....
Number of employees in local mines.....	3,683	4,409	726	.....
Total number employed.....	95,763	98,090	2,327	.....
Number of motors in use.....	1,424	1,380	.....	44
Number of animals underground.....	5,348	4,832	.....	516
Powder used for blasting coal, kegs.....	1,593,527	1,184,200	.....	409,327
Permissible explosives used, pounds.....	2,621,006	2,332,980	.....	288,026
Dynamite used, pounds.....	114,688	50,801	.....	63,887
Number of fatal accidents.....	222	159	.....	63
Number of men injured losing 30 or more days.....	4,327	3,879	.....	448
Tons mined to each life lost.....	360,910	397,967	37,057	.....
Number of employed to each life lost.....	431	617	186	.....
Number killed per 1,000 employed.....	2.3	1.6	.....	.7
Tons mined to each man injured.....	18,517	16,313	.....	2,204
Number employed to each man injured.....	22	25	3	.....

*512,128 tons lost in preparing for market.

TABLE 1—CLASSIFICATION OF MINES AND TONS. SHIPPING AND LOCAL MINES, BY DISTRICTS. 1922.

District	All Mines			Shipping Mines			Local Mines		
	Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons
First.....	111	5,467	1,689,343	19	4,572	1,300,876	92	895	388,467
Second.....	133	4,149	2,197,924	23	3,325	1,857,596	110	824	340,328
Third.....	376	3,644	1,591,068	21	2,404	1,211,503	355	1,240	379,565
Fourth.....	60	9,354	6,304,257	29	9,153	6,204,873	31	201	99,384
Fifth.....	99	8,490	6,223,776	31	8,047	5,969,428	68	443	254,348
Sixth.....	30	10,951	7,527,996	22	10,903	7,517,272	8	48	10,724
Seventh.....	30	5,785	3,995,348	21	5,707	3,961,777	9	78	33,571
Eighth.....	71	8,346	5,473,442	52	8,080	5,305,280	19	266	168,162
Ninth.....	78	8,217	5,373,660	39	7,997	5,261,432	39	220	112,228
Tenth.....	25	14,840	9,999,917	25	14,840	9,999,917	.....	.....	.....
Eleventh.....	39	6,293	4,158,307	20	6,228	4,137,125	19	65	21,182
Twelfth.....	81	12,554	8,741,789	50	12,425	8,679,014	31	129	62,775
The State.....	1,133	98,090	63,276,827	352	93,681	61,406,093	781	4,409	1,870,734

TABLE 2—A GROUPING OF SHIPPING MINES BY OUTPUT, SHOWING NUMBER OF MINES, MEN AND TONS IN EACH GROUP, BY DISTRICTS, AND THE LOCAL MINES FOR THE STATE.

Districts	Tonnage and mines producing—											
	Less than 10,000 Tons			10,000 but less than 50,000			50,000 but less than 100,000			100,000 but less than 200,000		
	Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons
First.....	1	35	8,827	6	651	181,030	8	2,316	584,913	4	1,570	526,106
Second.....	4	109	27,799	6	355	178,710	8	1,125	598,806	3	970	440,719
Third.....	8	264	57,276	5	474	134,803	3	358	199,862	4	868	539,945
Fourth.....	3	...	...	3	383	85,723	2	293	144,142	11	2,933	1,671,134
Fifth.....	2	131	4,015	7	634	139,242	5	683	364,226	7	1,835	949,567
Sixth.....	...	...	...	2	419	86,562	1	302	68,803	4	1,534	616,654
Seventh.....	3	142	15,162	3	149	101,068	2	235	163,027	5	1,327	780,063
Eighth.....	4	218	22,696	13	993	336,698	15	1,690	1,054,393	12	2,305	1,628,432
Ninth.....	5	193	21,673	6	514	173,976	9	1,015	643,301	11	2,535	1,521,318
Tenth.....	...	...	...	1	344	24,931	1	331	69,702	4	1,613	580,742
Eleventh.....	...	...	...	2	678	166,205	2	367	143,268	3	790	515,731
Twelfth.....	5	55	11,603	7	229	117,998	7	1,431	561,318	14	3,678	2,085,168
Total.....	32	1,147	169,051	64	5,823	1,726,946	63	10,146	4,595,761	82	21,958	11,855,579
Local mines.....	748	3,246	1,106,052	31	1,044	622,068	2	119	142,614	...	...	...
Total.....	780	4,393	1,275,103	95	6,867	2,349,014	65	10,265	4,738,375	82	21,958	11,855,579

TABLE 2—Continued.

Districts	Tonnage and mines producing—											
	200,000 but less than 300,000			300,000 but less than 400,000			400,000 but less than 500,000			500,000 but less than 600,000		
	Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons
Second.....	1	305	247,843	1	471	363,719	...	...	...	...	...	...
Third.....	1	440	279,617	...	...	...	...	...	...	...	...	...
Fourth.....	2	332	1,848,378	5	2,464	1,865,909	...	...	...	1	738	589,587
Fifth.....	4	1,124	955,472	1	492	327,021	...	...	...	2	1,045	1,109,107
Sixth.....	6	2,512	1,510,534	1	627	382,288	1	564	419,128	3	1,999	1,580,421
Seventh.....	4	1,612	1,009,192	1	426	363,001	1	626	457,916	2	1,190	1,072,348
Eighth.....	5	1,562	1,092,916	2	763	675,354	1	549	494,791	...	...	...
Ninth.....	3	1,171	749,089	4	1,851	1,483,058	...	...	...	...	...	...
Tenth.....	3	1,377	768,509	5	2,598	1,741,918	4	2,671	1,826,475	4	2,904	2,171,071
Eleventh.....	5	1,840	1,201,969	3	1,337	997,296	...	...	...	2	1,216	1,112,656
Twelfth.....	6	2,214	1,550,792	7	2,721	2,328,926	2	942	894,399	2	1,155	1,128,810
Total.....	45	16,489	11,214,311	30	13,750	10,528,490	9	5,352	4,092,709	16	10,247	8,764,000

TABLE 2—Concluded.

Districts	Tonnage and mines producing—											
	600,000 but less than 700,000			700,000 but less than 800,000			800,000 but less than 900,000			900,000 and over		
	Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons
Fifth.....	1	880	693,732	2	1,223	1,427,046	1	738	836,321	2	2,236	2,183,336
Sixth.....	3	2,208	2,016,561	1	718	669,017	1	738	836,321	2	2,236	2,183,336
Ninth.....	1	718	669,017	1	738	836,321	2	2,236	2,183,336	2	2,236	2,183,336
Tenth.....	1	766	633,233	1	738	836,321	2	2,236	2,183,336	2	2,236	2,183,336
Total.....	6	4,572	4,012,543	2	1,223	1,427,046	1	738	836,321	2	2,236	2,183,336

TABLE 3—CLASSIFICATION OF MINES BY TONNAGE, WITH PERCENTAGES.

Mines producing—	Number of mines	Number of employees	Tons mined	Percentage of—		
				Mines	Men	Tons
Less than 10,000 tons.....	780	4,393	1,275,103	68.84	4.47	2.02
10,000 but less than 50,000.....	95	6,867	2,349,014	8.38	7.00	3.71
50,000 but less than 100,000.....	65	10,265	4,738,375	5.74	10.46	7.49
100,000 but less than 200,000.....	82	21,958	11,855,579	7.24	22.39	18.74
200,000 but less than 300,000.....	45	16,489	11,214,311	3.97	16.81	17.72
300,000 but less than 400,000.....	30	13,750	10,528,490	2.65	14.02	16.63
400,000 but less than 500,000.....	9	5,352	4,092,709	.79	5.46	6.47
500,000 but less than 600,000.....	16	10,247	8,764,000	1.41	10.45	13.85
600,000 but less than 700,000.....	6	4,572	4,012,543	.53	4.66	6.34
700,000 but less than 800,000.....	2	1,223	1,427,046	.18	1.25	2.26
800,000 but less than 900,000.....	1	738	836,321	.09	.75	1.32
900,000 and over.....	2	2,236	2,183,336	.18	2.28	3.45
Total.....	1,133	98,090	63,276,827	100.00	100.00	100.00

TABLE 4—CLASSIFICATION OF MINES BY NUMBER OF MEN EMPLOYED.

Mines employing—	Shipping mines			Local mines			All mines		
	Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons
Less than 10 men.....	3	20	5,743	746	3,215	1,101,894	749	3,235	1,107,637
10 but less than 50..	43	1,235	706,139	27	650	433,680	70	1,885	1,139,819
50 but less than 100..	46	3,621	1,745,327	8	544	335,160	54	4,165	2,080,487
100 but less than 200..	72	10,614	5,942,811	.....	.....	.....	72	10,614	5,942,811
200 but less than 300..	57	14,489	8,754,610	.....	.....	.....	57	14,489	8,754,610
300 but less than 400..	50	17,304	9,997,716	.....	.....	.....	50	17,304	9,997,716
400 but less than 500..	32	14,423	9,715,043	.....	.....	.....	32	14,423	9,715,043
500 but less than 600..	23	12,630	8,926,810	.....	.....	.....	23	12,630	8,926,810
600 but less than 700..	14	11,622	9,530,480	.....	.....	.....	14	11,622	9,530,480
700 and over.....	12	7,723	6,081,414	.....	.....	.....	12	7,723	6,081,414
Total.....	352	93,681	61,406,093	781	4,409	1,870,734	1,133	98,090	63,276,827

TABLE 5—SHIPPING MINES, PRODUCING 400,000 TONS OR OVER, LOCATION, NUMBER OF EMPLOYEES, DAYS WORKED, TONS PRODUCED, AND THE AVERAGE OUTPUT PER DAY.

Name of operator	Location	Men	Days	Total tons	Average tons per day
Chicago, Wilm. & F. Coal Co., No. 1	Orient	1,108	196	1,104,802	5,637
Bell & Zoller Mining Co., No. 1	Zeigler	1,128	199	1,078,534	5,416
Superior Coal Co., No. 3	Gillespie	738	168	836,321	4,978
Peabody Coal Co., No. 8	Tovey	597	186	718,823	3,865
Peabody Coal Co., No. 7	Kincaide	629	179	708,223	3,957
United States Fuel Co., Vermilion	Georgetown	880	176	693,732	3,942
Superior Coal Co., No. 1	Gillespie	779	171	684,994	4,006
Superior Coal Co., No. 2	Gillespie	731	145	682,148	4,704
Centralia Coal Co., No. 5	Centralia	718	224	669,017	2,987
Superior Coal Co., No. 4	Gillespie	698	165	649,419	3,996
Western Coal & Mining Co., No. 2	Bush	766	215	633,233	2,945
Harrisburg Col. Co., Harco	Harco	625	204	590,386	2,894
Madison Coal Corp., No. 6	Divernon	738	145	589,587	4,066
Nokomis Coal Co., No. 1	Nokomis	772	144	574,719	3,991
Peabody Coal Co., No. 9	Taylorville	427	185	571,577	3,090
Madison Coal Corp., No. 9	Dewmaine	583	176	570,665	3,242
Peabody Coal Co., No. 3	Marion	572	199	558,145	2,805
Bell & Zoller Mining Co., No. 2	Zeigler	675	167	551,657	3,303
Franklin Coal & Coke Co., No. 1	Royalton	632	176	550,703	3,129
Mt. Olive & Staunton Coal Co., No. 2	Staunton	636	146	548,598	3,757
Peabody Coal Co., No. 24	Danville	618	204	537,530	2,635
Old Ben Coal Corp., No. 11	Christopher	739	135	537,355	3,980
Old Ben Coal Corp., No. 8	West Frankfort	858	99	531,356	5,365
Donk Bros. Coal & Coke Co., No. 2	Maryville	554	142	523,750	3,688
Big Creek Coal Co., Inc., No. 3	Harrisburg	591	183	522,270	2,854
Consolidated Coal Co., No. 7	Staunton	687	127	504,780	3,975
Standard Oil Co., Ind., No. 1	Carlinville	540	189	500,922	2,650
Old Ben Coal Corp., No. 9	West Frankfort	927	95	494,833	5,209
St. Louis & O'Fallon Coal Co., No. 2	East St. Louis	549	156	494,791	3,172
Southern Gem Coal Corp., No. 1	West Frankfort	547	155	481,272	3,105
Consolidated Coal Co., No. 7	Herrin	504	180	464,960	2,583
New Staunton Coal Co., No. 1	Livingston	626	104	457,916	4,403
Franklin Co. Mining Co.	Benton	457	158	430,521	2,725
Chicago, Wilm. & F. Coal Co., "A"	Herrin	438	145	429,439	2,962
United States Fuel Co., M. F.	Benton	740	126	419,849	3,332
Shoal Creek Coal Co.	Panama	564	142	419,128	2,952
Total and average		24,371	164	21,315,955	3,609

TABLE 6—SHIPPING MINES, SHOWING THE NUMBER OF MINES, MEN, TONS, AVERAGE TONS PER DAY, BY DISTRICTS.

District	Mines	Men	Average days	Total tons	Average tons per day
First	19	4,572	115	1,300,876	11,312
Second	23	3,325	152	1,857,596	12,221
Third	21	2,404	125	1,211,503	9,692
Fourth	29	9,153	157	6,204,873	39,521
Fifth	31	8,047	129	5,969,428	46,275
Sixth	22	10,903	127	7,517,272	59,191
Seventh	21	5,707	127	3,961,777	31,195
Eighth	52	8,080	111	5,305,280	47,795
Ninth	39	7,997	127	5,261,432	41,429
Tenth	25	14,840	123	9,999,917	81,300
Eleventh	20	6,228	130	4,137,125	31,824
Twelfth	50	12,425	123	8,679,014	70,561
Total	352	93,681	127	61,406,093	483,512
Local mines	781	4,409	137	1,870,734	13,655
The State	1,133	98,090	134	63,276,827	497,167

TABLE 7—OUTPUT OF SHIPPING MINES BY DISTRICTS AND OF LOCAL MINES
FOR THE STATE, DIFFERENT GRADES OF COAL.

District	Total output	Mine run	Lump	Egg	Nut	Pea or screenings	Slack or waste
First.....	1,300,876	374,684	386,533	307,352	21,930	156,569	53,808
Second.....	1,857,596	1,000,934	427,118	122,995	8,689	273,745	24,115
Third.....	1,211,503	246,667	228,333	371,028	9,256	284,626	71,593
Fourth.....	6,204,873	816,866	1,846,801	1,573,127	176,020	1,691,697	100,362
Fifth.....	5,969,428	2,200,201	1,874,599	310,883	193,278	1,342,258	48,209
Sixth.....	7,517,272	1,255,992	3,325,490	886,223	69,137	1,426,931	553,499
Seventh.....	3,961,777	697,677	1,293,440	581,434	220,956	982,339	185,931
Eighth.....	5,305,280	1,264,365	1,751,089	717,865	202,558	1,319,534	49,869
Ninth.....	5,261,432	1,944,675	937,672	828,008	326,871	1,194,628	29,578
Tenth.....	9,999,917	1,552,896	1,433,757	1,757,898	1,463,747	3,405,063	386,556
Eleventh.....	4,137,125	1,152,552	591,418	740,952	267,273	1,304,653	80,277
Twelfth.....	8,679,014	2,263,608	1,205,339	1,231,131	963,931	2,770,013	244,992
Shipping mines...	61,406,093	14,771,117	15,301,589	9,428,896	3,923,646	16,152,056	1,828,789
Local mines.....	1,870,734	1,258,022	476,426	17,646	4,658	111,430	2,552
Total.....	63,276,827	16,029,139	15,778,015	9,446,542	3,928,304	16,263,486	1,831,341

TABLE 8—OUTPUT AND DAYS WORKED

Number	Name of operator	Number of days in operation and total tons of coal mined									
		July		August		September		October		November	
		Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
BUREAU COUNTY—FIRST DISTRICT											
1	Springvalley Coal Co., No. 3.....	8	9,868 10	11	201 11	12	473 15	18	535 11	13	343
2	Illinois Third Vein Coal Co., No. 1....	14	9,874 16	10	640 13	9	278 12	8	786 16	11	414
3	Springvalley Coal Co., No. 1.....	8	7,204 6	5	002 8	7	114 13	12	729 9	8	535
4	Springvalley Coal Co., No. 5.....	4	3,175 9	8	212 6	6	137 12	12	796 8	7	513
5	St. Paul Coal Co., No. 2	10	9,212 12	11	139 9	7	764 9	7	425 13	10	211
	Total and average.....	9	39,333 11	46	194 9	42	766 12	60	271 12	51	016
GRUNDY COUNTY—FIRST DISTRICT											
1	Chicago, Wilm. & F. Coal Co., No. 3..	16	11,731 22	16	844 23	17	221 26	20	157 19	16	012
2	Wilmington Star M. Co., No. 7.....	7	2,667 14	5	163 13	4	706 16	6	240 14	5	115
	Total and average.....	12	14,398 18	22	007 18	21	927 21	26	397 17	21	127
LASALLE COUNTY—FIRST DISTRICT											
1	LaSalle Co. Carbon Coal Co., No. 1..	13	9,095 14	9	638 11	6	863 12	8	787 9	5	389
2	LaSalle Co. Carbon Coal Co., LaSalle..	9	4,249 7	3	655 9	4	087 5	2	488 13	5	324
3	LaSalle Co. Carbon Coal Co., Union..	11	5,345 6	3	723 7	5	020 19	11	541 12	7	439
4	Illinois Zinc Co., No. 3.....	7	1,144 7	1	196 8	1	435 6	1	263 14	3	336
5	LaSalle Co. Carbon Coal Co., No. 5....	3	1,283 4	6	59 7	2	954 10	4	912 9	4	852
6	Seneca Coal Co.....	25	577 26	6	82 23	5	69 25	8	63 24	8	44
	Total and average.....	11	21,693 11	19	553 11	20	928 13	29	854 14	27	184
LIVINGSTON COUNTY—FIRST DISTRICT											
1	Murphy, Linskey & K. Coal Co.....	7	1,093 11	1	817 11	2	919 12	2	876 12	2	206
2	Fairbury Coal Co.....	20	1,670 22	3	000 20	2	121 18	1	847 12	1	324
	Total and average.....	14	2,763 17	4	817 16	5	040 15	4	723 12	3	530
MERCER COUNTY—FIRST DISTRICT											
1	Alden Coal Co., No. 7.....	7	4,675 6	4	041 14	9	025 16	11	556 19	13	099
2	Coal Valley M. Co., No. 1.....	20	7,646 26	9	243 .....	.....	.....	.....	.....	.....	.....
	Total and average.....	14	12,321 16	13	284 14	9	025 16	11	556 19	13	099
PUTNAM COUNTY—FIRST DISTRICT											
1	St. Paul Coal Co., No. 1.....	11	16,404 16	21	120 9	12	966 8	12	247 14	19	108
2	B. F. Berry Coal Co.....	5	2,706 5	3	285 5	3	883 8	5	627 9	6	976
	Total and average.....	8	19,110 11	24	405 7	16	849 8	17	874 12	26	084
MARSHALL COUNTY—SECOND DISTRICT											
1	Toluca Coal Co., No. 1.....	.....	.....	.....	.....	.....	24	18,668 24	.....	22,752	.....
2	Wenona Coal Co.....	19	6,230 22	7	094 25	8	267 26	8	084 11	3	662
	Total and average.....	19	6,230 22	7	094 25	8	267 25	26	752 18	26	414

EACH MONTH OF THE YEAR.

Number of days in operation and total tons of coal mined

December		January		February		March		April		May		June		Total		Number
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
9	12,164	10	14,064	11	14,937	17	22,700							102	129,285	1
15	10,591	14	11,096	14	11,009	19	15,096							133	97,784	2
10	10,769	19	11,074	7	8,836	15	17,681							86	88,944	3
8	7,773	9	11,143	8	8,653	14	16,491							78	81,893	4
8	6,333	6	4,404	4	2,654	16	10,800							87	69,942	5
10	47,630	10	51,781	9	45,089	16	82,768							97	467,848	
18	16,323	23	20,958	22	20,982	26	23,474							195	163,702	1
9	3,911	14	6,340	9	3,948									96	38,090	2
14	20,234	19	27,298	16	24,930	26	23,474							146	201,792	
6	4,826	11	7,697	22	14,754	26	20,470							124	87,539	1
13	5,758	18	7,688	24	10,888	27	11,871							125	56,008	2
13	8,977	20	9,021											88	51,066	3
17	5,045	18	6,009	17	5,935	18	6,525	12	4,557	14	5,307	13	4,919	151	46,672	4
20	3,609	10	5,813	12	7,703	15	8,952							76	40,737	5
6	1,158	25	1,734	24	1,327	26	1,073							218	8,827	6
13	29,374	17	37,962	20	40,607	19	48,911	12	4,557	14	5,307	13	4,919	130	290,849	
14	2,588	17	3,342	14	3,014	14	3,101							112	22,956	1
2	572	14	1,847	18	1,540	28	1,765							154	15,686	2
8	3,160	16	5,189	16	4,554	21	4,866							133	38,642	
16	11,852	18	13,131	22	15,258	27	22,958							145	105,595	1
														46	16,889	2
16	11,852	18	13,131	22	15,258	27	22,958							96	122,484	
7	10,236	7	9,330	4	4,920	19	21,193							95	127,524	1
6	5,654	6	6,202	6	5,004	15	12,400							65	51,737	2
7	15,890	7	15,532	5	9,924	17	33,593							80	179,261	
26	25,974	25	27,063	9	10,428	25	27,122							133	132,007	1
15	5,260	24	8,250	22	7,898	20	6,689							184	61,434	2
21	31,234	25	35,313	16	18,326	23	33,811							159	193,441	

TABLE 8—

Number	Name of operator	Number of days in operation and total tons of coal mined									
		July		August		September		October		November	
		Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
PEORIA COUNTY—SECOND DISTRICT											
1	Clark Coal & Coke Co., Empire.....	17	20,324	20	22,814	21	24,425	22	28,835	19	25,198
2	M. E. Case Coal Co.....	13	15,048	14	14,141	12	13,651	18	25,245	16	20,901
3	Newsom Bros. Coal Co., No. 5.....	14	9,290	13	8,936	17	11,015	18	10,997	23	15,262
4	Logan Coal Co.....	15	8,276	17	9,899	18	9,368	22	12,633	12	6,927
5	Newsom Bros. Coal Co., No. 4.....	8	3,040	16	7,111	13	6,573	17	9,347	17	9,600
6	Wolschlag Co-operative Coal Co.....	13	7,856	11	6,761	21	11,987	23	12,253	16	6,952
7	Crescent Coal Co., No. 1.....	9	966	14	.....	15	4,288	16	7,762	10	5,018
8	Central West Coal Co.....	5	966	14	2,602	10	2,474	7	1,350	7	1,383
9	Colliers Co-operative Coal Co.....	9	1,705	8	1,679	10	2,280	16	3,350	14	3,248
10	Silver Creek Coal Co.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	Lancaster Coal Co., No. 1.....	14	1,915	20	2,764	19	2,890	14	1,978	16	2,443
12	East Mapleton Coal Co., No. 1.....	2	95	19	723	21	748	21	850	10	394
13	Newsom Bros. Coal Co., No. 6.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total and average.....		11	68,515	15	77,430	17	89,699	18	114,600	15	97,326
IAZEWELL COUNTY—SECOND DISTRICT											
1	Groveland Coal Mining Co., No. 2.....	19	27,011	20	36,396	20	34,688	18	34,215	21	36,685
2	Tazewell Coal Co.....	18	8,167	26	14,000	21	11,139	25	12,802	20	10,080
3	Lake Erie Mining Co.....	9	3,263	17	6,169	20	7,081	19	7,773	16	8,263
4	Ubben Coal Co.....	10	1,107	20	2,860	19	3,005	24	4,307	17	3,694
5	Regal Coal Co.....	18	2,191	26	2,954	20	2,808	26	2,653	20	2,362
6	East Peoria Mining Co.....	.....	.....	15	519	20	1,250	19	1,300	20	1,450
Total and average.....		15	41,739	21	62,898	20	59,971	22	63,050	19	62,534
WOODFORD COUNTY—SECOND DISTRICT											
1	Roanoke Coal Co.....	24	7,119	27	8,306	24	7,562	26	8,723	17	5,730
2	Minonk Coal Co., No. 2.....	23	4,324	19	3,630	24	5,647	24	5,764	22	5,141
Total and average.....		24	11,443	23	11,936	24	13,209	25	14,487	20	10,871
FULTON COUNTY—THIRD DISTRICT											
1	Cripple Creek Coal Co., Nos. 1 and 2.....	14	25,595	17	32,971	21	33,956	22	36,434	13	22,057
2	Silver Creek Coal Co., No. 1.....	12	13,752	11	13,289	12	15,050	18	22,202	13	15,236
3	National Coal M. Co.....	10	7,212	16	12,234	14	11,319	23	19,871	16	14,384
4	Canton Coal Co.....	2	1,824	18	17,151	18	17,981	22	21,452	14	13,674
5	Alden Coal Co., No. 8.....	10	9,418	12	10,891	10	9,121	16	14,769	13	13,993
6	Spoon River Coal Co.....	9	4,106	16	7,622	14	7,080	25	10,605	20	8,225
7	Binzel Coal Co., No. 1.....	20	4,507	10	3,517	9	4,034	17	7,760	24	11,108
8	Rewalt Coal Co.....	2	528	6	1,630	8	2,619	22	9,222	6	3,290
9	Maplewood Coal Co., No. 1.....	.....	.....	.....	.....	.....	.....	10	3,435	14	6,153
10	Shuler & Long Coal Co.....	14	2,113	25	5,058	23	5,170	23	5,036	16	3,860
11	Simmons Coal Co.....	.....	9	4,114	6	3,105	14	8,377	4	2,786	
12	Monmouth Coal Co., No. 1.....	.....	11	6,750	7	4,538	10	6,537	.....	.....	.....
13	Coal Creek M. Co., No. 1.....	24	1,299	23	1,752	23	1,829	24	2,286	16	1,452
14	Eclipse Coal Co.....	20	230	22	280	24	1,083	25	888	25	1,061
15	W. Donaldson Coal Co., No. 1.....	.....	10	507	20	900	25	1,240	24	1,370	
16	Middleton Coal Co.....	.....	.....	.....	3	323	23	3,294	9	2,065	
17	Robt. Gooden Coal Co.....	6	187	18	828	10	404	26	1,106	23	1,012
18	Joe McGlaughlin & Sons.....	.....	.....	.....	3	87	18	504	22	491	
19	Alden Coal Co., No. 6.....	.....	8	3,445	5	2,468	.....	.....	.....	.....	.....
20	Big Six Coal Co., No. 1.....	.....	.....	.....	15	550	18	811	14	631	
21	C. & L. Coal Co.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total and average.....		12	70,771	15	122,039	13	121,617	20	175,829	16	122,848

Continued.

Number of days in operation and total tons of coal mined

December		January		February		March		April		May		June		Total		Number
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
20	26,780 23	31,846 23	31,838 26	35,783										191	247,843	1
13	16,698 18	24,549 23	32,903 24	35,248										151	198,384	2
22	12,558 21	13,464 23	14,287 24	14,519										175	110,328	3
16	9,245 19	11,068 23	13,536 26	15,183										168	96,135	4
19	10,532 20	11,524 24	13,453 23	14,788										157	85,968	5
15	5,328 13	4,602 16	4,754 24	5,790										152	66,283	6
6	2,718 14	7,334 23	11,327 25	13,383										109	51,830	7
14	2,931 22	5,017 14	3,922 27	7,672										120	28,317	8
9	1,573 8	1,921 18	3,821 24	4,661										116	24,238	9
	24	1,329 21	2,471 25	3,745										70	7,545	10
11	1,356 1	16 5	542 23	3,366 9	1,285 7	1,071 4	606	143	20,232	11				147	20,232	11
11	454 11	490 10	610 24	950 10	480 20	930 18	756	187	7,480	12				187	7,480	12
6	120 24	545 21	1,166 26	4,924										77	6,755	13
14	90,293 19	113,705 19	134,630 25	160,012 10	1,765 14	2,001 11	1,362	140	951,338							
24	47,354 25	47,723 24	50,181 26	49,466										197	363,719	1
18	9,081 13	6,816 16	7,916 26	13,266										183	93,267	2
15	10,092 16	11,425 18	13,190 26	20,629										156	87,885	3
18	3,904 23	5,133 21	4,632 26	5,942										178	34,584	4
22	2,906 15	1,584 16	1,942 26	3,226										189	22,626	5
20	1,500													94	6,019	6
20	74,837 18	72,681 19	77,861 26	92,529										166	608,100	
7	2,463 13	4,529 15	5,486 17	6,086										170	56,004	1
20	4,849 24	6,158 22	6,165 26	7,035										204	48,713	2
14	7,312 19	10,687 19	11,651 22	13,121										187	104,717	
15	26,298 16	28,187 15	27,421 25	46,698										158	279,617	1
10	11,695 16	15,258 13	16,219 24	27,220										129	149,921	2
15	13,695 23	21,029 17	15,239 25	23,187										159	138,170	3
8	8,675 14	13,191 13	12,575 26	27,202										135	133,725	4
9	10,231 11	13,016 11	13,019 22	23,671										114	118,129	5
24	10,869 24	11,311 20	8,917 26	12,370										178	81,105	6
15	7,270 10	6,806 17	8,206 23	11,959										145	65,167	7
7	3,746 12	6,924 15	7,961 27	17,670										105	53,590	8
15	6,864 18	8,310 21	9,991 25	10,529										103	45,282	9
10	2,538 10	2,512 10	2,496 26	6,754										157	35,557	10
4	2,177													37	20,559	11
														28	17,825	12
15	1,428 13	1,321 14	1,453 26	2,760										178	15,580	13
25	1,060 26	1,122 24	1,204 26	896 10	165 24	747 25	1,195	276	9,931	14				165	9,419	15
24	1,386 17	1,013 18	1,224 27	1,779										54	8,868	16
19	3,186													174	8,225	17
22	1,180 25	1,302 22	1,106 19	906										174	6,844	18
25	684 25	629 21	429 10	310										14	6,581	19
				1										115	5,148	20
22	992 9	498 11	524 26	1,142										33	2,260	21
16	113,994 17	132,429 16	127,984 24	215,721 10	165 18	3,981 21	4,125	125	1,211,503							

TABLE 8—

Number	Name of operator	Number of days in operation and total tons of coal mined									
		July		August		September		October		November	
		Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
LOGAN COUNTY—FOURTH DISTRICT											
1	Sangamon Co. Mining Co.	10	14,440	10	21,434	10	18,022	26	24,663	17	14,193
2	Citizens Coal Mining Co.	20	13,597	23	15,616	22	15,103	24	16,870	22	15,452
	Total and average.	15	28,037	17	37,050	16	33,125	25	41,533	20	29,645
MENARD COUNTY—FOURTH DISTRICT											
1	Union Fuel Co.	9	5,072	9	5,501	16	8,937	23	12,695	13	7,185
SANGAMON COUNTY—FOURTH DISTRICT											
1	Madison Coal Corp., No. 6.	8	36,275	12	45,005	15	57,335	15	71,057	15	71,520
2	Peabody Coal Co., No. 6.	23	37,290	19	33,731	23	40,283	26	43,849	24	41,439
3	Springfield Dist. Coal M. Co., No. 55.	24	40,307	21	36,111	25	43,276	26	44,607	24	41,349
4	Peerless Coal Co.	18	39,209	22	45,748	23	50,314	25	50,799	13	25,008
5	C. W. & F. Coal Co., No. 1.	7	19,635	9	25,077	8	21,915	12	33,742	14	39,963
6	Panther Creek Coal Co.	14	33,521	13	31,347	14	36,253	16	42,190	15	39,724
7	Citizens Coal Mining Co., "B".	13	19,499	19	29,714	25	37,087	23	35,294	14	20,728
8	Springfield Dist. Coal M. Co., No. 57.	21	26,630	19	25,595	23	32,541	25	33,523	23	29,180
9	Spring Creek Coal Co.	6	7,299	20	28,194	21	32,876	18	28,235	15	23,422
10	Sangamon Co. Mining Co., Jeff.	25	27,244	26	31,554	24	30,141	24	29,639	19	23,461
11	Sangamon Coal Co., No. 2.	12	17,023	17	23,643	20	29,771	26	38,998	15	21,623
12	Illinois Coal & Coke Corp., No. 1.	10	12,625	13	17,733	17	25,401	23	35,250	14	22,422
13	West End Coal Co.	3	2,813	14	15,878	15	18,517	23	32,090	17	23,717
14	Chicago-Springfield Coal Co.	13	13,172	13	15,205	19	22,016	25	28,402	15	16,285
15	Bissell Coal Co.	9	9,959	9	9,822	15	17,460	23	24,151	18	19,030
16	Union Fuel Co., No. 5.	17	14,419	18	17,420	25	24,233	25	24,708	18	18,592
17	Springfield Dist. Coal M. Co., No. 53.							8	6,912	18	25,119
18	Springfield Co-operative Coal M. Co.	8	5,580	13	11,610	17	15,115	22	21,620	13	13,110
19	Springfield Dist. Coal M. Co., No. 52.							17	23,710	20	28,965
20	Union Fuel Co., No. 3.	9	10,217	8	10,028	10	10,989	17	17,790	13	15,201
21	Dawson Coal Co., No. 1.	20	10,608	22	13,154	20	12,094	25	14,315	24	13,270
22	Union Fuel Co., No. 2.	14	13,688	11	10,947	13	10,545	22	20,455	10	8,997
23	Lincoln Park C. & B. Co.			7	1,519	14	4,691	24	9,828	19	6,687
24	Sangamon Coal Co., No. 3.							5	853	18	5,583
25	Springfield Dist. Coal M. Co., No. 51.					7	3,168	10	9,136	16	7,572
26	Illinois Coal & Coke Corp., No. 2.	6	2,343	14	5,583	9	3,738	3	1,101	12	4,557
	Total and average.	13	399,356	15	484,618	17	579,759	20	722,254	17	606,524
CHRISTIAN COUNTY—FIFTH DISTRICT											
1	Peabody Coal Co., No. 8.	23	80,652	17	62,182	19	72,022	19	75,290	15	56,070
2	Peabody Coal Co., No. 7.	21	78,964	22	83,726	13	51,047	19	76,370	16	65,876
3	Peabody Coal Co., No. 9.	20	47,548	24	59,253	20	57,598	19	55,696	14	44,602
4	Penwell Coal M. Co.	13	17,218	13	21,417	15	21,853	15	27,157	12	20,228
5	Pana Coal Co., No. 2.	8	11,029	15	18,248	7	10,264	12	17,520	8	12,901
6	Springfield Dist. Coal M. Co., No. 58.					11	3,255	26	10,019	21	13,841
7	Peabody Coal Co., No. 21.							9	1,846	17	15,493
8	Smith-Lohr Coal M. Co.	5	5,346	9	9,115	10	11,748	15	17,354	6	8,817
9	Pana Coal Co., No. 1.	4	5,704	5	6,582	5	7,080	9	13,261	7	10,438
10	Assumption Coal M. Co., No. 1.	15	2,268	12	4,717	10	3,394	9	4,000	10	4,156
11	Christian Co. Mining Co.	2	377	1	152	10	2,034	8	1,834	11	2,560
	Total and average.	12	249,106	13	265,392	12	240,295	15	300,347	13	254,982
MACON COUNTY—FIFTH DISTRICT											
1	Macon County Coal Co.	22	7,114	24	11,650	24	13,791	24	14,268	23	9,725
2	Decatur Coal Co.	12	4,958	15	7,607	24	9,011	20	8,863	16	6,893
3	Niantic Carbon Coal Co.							9	2,026	22	4,620
	Total and average.	17	12,072	20	19,257	24	22,802	18	25,157	20	21,238

Continued.

Number of days in operation and total tons of coal mined

December		January		February		March		April		May		June		Total		Number
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
20	17,703	25	25,173	22	23,690	25	28,122							165	187,440	1
24	17,423	23	17,300	22	15,654	25	17,989							205	145,004	2
22	35,126	24	42,473	22	39,344	25	46,111							185	332,444	
9	5,528	14	7,778	15	10,433	25	17,233							133	80,362	1
20	60,511	20	84,484	18	72,848	22	90,552							145	589,587	1
20	36,936	25	52,509	23	47,378	27	59,165							209	392,580	2
22	41,711	26	41,643	24	47,418	25	51,560							217	387,982	3
10	21,224	20	42,547	19	41,674	27	57,554							177	374,077	4
9	25,513	21	60,794	23	65,823	25	72,222							128	364,684	5
13	33,926	14	38,655	13	35,562	18	55,408							130	346,586	6
18	27,681	20	32,339	23	35,930	25	38,380							180	276,657	7
20	26,235	24	30,276	24	33,546	27	37,701							206	275,227	8
21	33,318	20	34,334	20	36,532	25	45,164							166	269,374	9
22	28,390	25	31,330	24	30,878	25	33,404							214	266,071	10
18	23,697	25	36,327	24	36,145	26	37,965							214	265,192	11
17	27,116	22	34,948	24	39,765	27	46,666							167	261,927	12
21	30,990	24	35,106	24	35,560	26	39,260							167	233,931	13
23	24,430	24	26,180	22	23,326	26	28,792							180	197,808	14
21	22,674	23	24,839	23	24,746	26	29,108							167	181,788	15
10	12,454	12	16,988	15	19,603	18	23,706							158	172,123	16
9	12,259	25	27,389	24	34,716	27	41,473							111	147,868	17
18	14,825	24	23,560	17	16,000	15	15,690							147	137,116	18
7	11,629	9	7,267	24	29,302	27	34,927							104	135,800	19
8	11,050	9	10,393	13	15,565	22	26,443							109	127,676	20
21	10,706	25	14,424	24	15,160	26	17,189							207	120,926	21
8	6,028	14	12,620	16	16,808	17	17,507							125	117,596	22
24	9,671	25	11,356	21	8,117	26	11,911							160	63,780	23
12	4,770	16	7,285	19	8,199	26	11,896							96	38,586	24
8	5,563													41	25,435	25
8	4,376													52	21,698	26
16	567,683	21	737,593	21	770,637	24	923,643							156	5,792,067	
19	76,973	23	91,569	24	92,935	27	111,130							186	718,823	1
18	74,070	21	84,240	23	91,235	26	102,695							179	708,223	2
20	64,509	21	68,665	20	73,568	27	100,138							185	571,577	3
14	25,718	19	30,957	19	33,953	23	41,166							143	239,667	4
14	16,593	15	25,463	15	23,564	14	22,540							108	158,122	5
12	8,860	22	20,050	19	34,574	23	51,017							134	141,616	6
10	14,123	15	21,231	20	27,267	22	29,715							93	109,675	7
														45	52,386	8
														30	43,065	9
11	4,570	14	4,858	12	4,884	14	2,987							107	35,834	10
5	1,240	7	1,376	6	972	7	1,583							57	12,128	11
14	286,656	17	348,409	17	382,952	20	462,971							115	2,791,110	
25	10,414	24	14,925	23	13,297	26	15,514							215	110,698	1
18	8,105	25	11,543	24	10,606	26	11,558							180	79,144	2
12	3,298	7	1,540											50	11,484	3
18	21,817	19	28,008	24	23,903	26	27,072							148	201,326	

TABLE 8—

Number	Name of operator	Number of days in operation and total tons of coal mined									
		July		August		September		October		November	
		Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
MOULTRIE COUNTY—FIFTH DISTRICT											
1	Lovington Coal M. Co., No. 1.....	14	11,817	20	16,935	14	13,377	14	14,459	21	20,828
SHELBY COUNTY—FIFTH DISTRICT											
1	Moweaqua Coal & M. Co., No. 1....	13	5,143	15	7,256	13	6,925	19	10,533	8	4,845
VERMILION COUNTY—FIFTH DISTRICT											
1	United States Fuel Co., Verm.....	9	33,223	12	43,613	14	53,165	22	84,649	22	86,147
2	Peabody Coal Co., No. 24.....	15	38,087	19	44,892	23	60,204	26	66,088	24	62,160
3	United States Fuel Co., No. 4.....	9	16,653	11	20,005	13	24,375	21	40,085	22	41,746
4	United States Fuel Co., Bunsen.....	8	12,461	10	14,580	11	17,708	22	36,784	22	33,659
5	United Elect. Coal Co., No. 1.....	12	13,391	20	20,791	24	25,016	23	24,930	20	24,029
6	Brady Branch Coal Co.....	20	17,649	21	17,920	20	17,302	11	8,989	21	17,858
7	Taylor-English Coal Co., No. 2.....	9	3,392	21	17,835	22	22,162	23	22,767		
8	United Elect. Coal Co., No. 6.....	14	11,300	20	15,020	22	17,000	22	17,000	19	15,000
9	United Elect. Coal Co., No. 4.....	3	1,714	14	6,616			12	8,635	15	10,436
10	United Elect. Coal Co., No. 5.....	20	13,609	16	9,507					5	3,100
11	Chicago Coal Co.....										
12	I. & I. Coal Co.....					24	2,459	26	3,325	20	2,636
13	Sharon Coal Co.....	7	344	22	2,137	9	1,539				
14	Chicago Coal Co., No. 1.....	10	2,189								
15	Lone Oak Coal Co.....									6	289
	Total and average.....	12	160,620	16	198,473	18	236,603	21	312,647	18	319,827
MACOUPIN COUNTY—SIXTH DISTRICT											
1	Superior Coal Co., No. 3.....	15	74,782	15	75,806	15	74,506	22	109,418	23	110,601
2	Superior Coal Co., No. 1.....	14	54,388	17	66,854	15	57,143	21	78,546	21	82,763
3	Superior Coal Co., No. 2.....	3	11,245	8	34,419	16	75,387	22	105,019	20	94,333
4	Superior Coal Co., No. 4.....	15	47,408	19	69,044	14	44,954	18	67,809	23	87,288
5	Consolidated Coal Co., No. 7.....	10	37,356	14	53,774	10	37,537	19	73,812	16	63,154
6	Standard Oil Co., No. 1.....	20	45,694	12	29,947	16	40,146	22	55,917	24	60,697
7	Consolidated Coal Co., No. 15.....					4	16,243	14	62,617	18	69,686
8	Illinois Coal & Coke Co., No. 3.....	20	27,941	11	14,901	16	26,336	19	31,294	9	15,087
9	Madison Coal Corp., No. 5.....	9	12,548	14	19,352	16	21,778	20	29,112	19	25,321
10	Consolidated Coal Co., No. 14.....	5	19,448	7	27,880	6	23,281	13	55,819	13	52,572
11	Gillespie Coal Co.....	24	19,444	25	20,173	22	18,478	21	17,622	24	21,750
12	Royal Colliery Co.....	9	19,516	8	18,025	8	18,472	10	21,919	14	32,533
13	Illinois Coal & Coke Corp., No. 4.....	19	22,674	11	13,100	7	8,591	2	823	18	20,186
14	Standard Oil Co., No. 2.....	24	22,288	25	20,000	5	3,319				
15	Bartels Coal Co., Inc.....	12	1,340	13	1,573	17	2,725	22	5,055	13	2,747
	Total and average.....	14	416,072	14	464,848	13	468,896	18	714,782	18	738,718
MONTGOMERY COUNTY—SIXTH DISTRICT											
1	Nokomis Coal Co.....	12	34,636	18	57,618	16	51,111	14	43,459	17	68,284
2	Shoal Creek Coal Co.....	7	20,495	12	36,490	12	33,721	18	53,229	14	42,265
3	Indiana & Illinois Coal Corp., No. 15	11	25,018	13	30,244	12	29,140	12	33,322	9	22,060
4	Hillsboro Coal Co.....	10	13,896	22	32,080	19	27,640	25	37,089	15	21,742
5	Indiana & Illinois Coal Corp., No. 11	8	2,283	13	25,052	11	21,385	14	30,746	10	21,659
6	Indiana & Illinois Coal Corp., No. 10	5	11,292	5	12,371	7	16,069	8	21,330	5	10,784
7	Indiana & Illinois Coal Corp., No. 12	13	34,527	13	33,939	12	30,884	10	19,014	8	16,191
	Total and average.....	10	142,147	14	227,794	13	209,950	15	238,189	11	202,985
BOND COUNTY—SEVENTH DISTRICT											
1	Pocahontas Mining Co.....	7	11,825	10	18,776	11	20,574	24	38,060	8	13,478

Continued.

Number of days in operation and total tons of coal mined

December		January		February		March		April		May		June		Total		Number
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
17	16,455	22	20,371	19	19,205	20	18,980							161	152,436	1
7	4,094	13	7,722	10	5,579	10	6,050							108	58,147	1
23	89,750	24	96,803	23	93,420	27	112,962							176	693,732	1
24	59,402	22	58,274	24	69,004	27	79,419							204	537,530	2
22	40,829	22	42,521	24	47,461	27	53,346							171	327,021	3
22	37,484	23	41,162	24	41,280	27	48,855							169	283,973	4
17	22,109	17	22,000	24	31,000	27	38,604							184	221,870	5
21	18,441	22	20,104	23	19,756	18	16,327	22	20,774	16	15,099	21	19,743	236	209,962	6
17	18,989	18	19,267	15	18,142	18	19,146							143	141,700	7
15	12,000	12	9,000	24	19,000	24	20,000							172	135,320	8
15	11,412	16	13,503	22	16,891	26	23,103							123	92,310	9
20	12,905	20	12,645	23	14,930	24	15,549							128	82,245	10
4	104	3	370	19	5,105	25	10,124							44	15,229	11
22	160	26	1,705	19	2,247									97	11,141	12
22	1,537				1,716	24	2,675							135	10,361	13
														10	2,189	14
														28	1,826	15
19	325,122	19	337,354	22	379,952	25	440,110	22	20,774	16	15,099	14	19,828	135	2,766,409	
13	67,202	20	97,124	19	94,619	27	132,263							168	836,321	1
20	82,028	18	73,422	21	85,711	24	104,139							171	684,994	2
14	68,586	16	75,676	19	89,439	27	128,044							145	682,148	3
16	70,351	19	81,213	17	75,715	24	105,637							165	649,419	4
9	34,206	12	50,442	13	53,693	24	100,806							127	504,780	5
24	61,781	22	62,659	23	67,670	26	76,411							189	500,922	6
5	21,940	11	40,640	13	60,065	26	111,097							91	382,288	7
17	29,172	18	32,925	18	35,480	26	52,314							154	265,450	8
17	23,363	20	32,400	19	29,086	24	37,066							158	230,026	9
6	24,067	5	15,015											55	218,082	10
24	21,611	24	22,635	24	22,667	26	24,802							214	189,182	11
10	23,197	3	5,685											62	139,347	12
2	3,429													59	68,803	13
														54	45,607	14
17	4,135	23	6,744	24	7,970	24	8,666							165	40,955	15
14	535,068	16	596,580	19	622,115	25	881,245							132	5,438,324	
16	75,145	17	77,568	15	77,024	10	89,874							144	574,719	1
19	56,175	13	38,633	21	63,378	26	74,742							142	419,128	2
13	34,066	16	43,358	11	30,556	24	51,092							121	298,856	3
16	24,080	22	33,258	21	31,239	25	38,707							175	259,731	4
13	27,054	15	31,555	12	26,101	24	52,554							120	238,389	5
2	4,225	4	10,402	8	26,051	10	32,934							54	145,458	6
6	8,112													62	142,667	7
12	228,857	15	234,774	15	254,349	21	339,903							117	2,078,948	
8	14,620	11	20,075	18	22,432	15	29,357							106	189,197	1

TABLE 8—

Number	Name of operator	Number of days in operation and total tons of coal mined									
		July		August		September		October		November	
		Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
MADISON COUNTY—SEVENTH DISTRICT											
1	Mt. Olive & Staunton Coal Co., No. 2.	7	26,016 13	49,224 15	56,281 21	75,418 17	62,698				
2	Donk Bros. Coal & Coke Corp., No. 2.	12	45,525 18	67,778 12	45,291 19	72,349 17	56,461				
3	New Staunton Coal Co., No. 1.	6	25,626 6	28,737 10	46,269 13	61,794 7	31,330				
4	Madison Coal Corp., No. 2.	8	17,378 13	29,302 16	36,272 18	41,626 17	39,837				
5	Lumaghi Coal Co., No. 2.	7	24,461 8	26,888 8	24,694 16	47,171 7	23,912				
6	Donk Bros. Coal & Coke Corp., No. 4.	3	1,460 2	1,455 16	20,556 16	24,641 9	13,887				
7	Donk Bros. Coal & Coke Corp., No. 3.	8	9,703 14	19,387 16	22,435 17	24,692 5	7,048				
8	Kerens-Donnewald Coal Co.	7	6,843 12	12,983 11	11,337 19	21,854 13	14,541				
9	Lumaghi Coal Co., No. 3.	5	4,852 6	5,734 12	11,858 20	20,640 6	7,279				
10	Abbey Coal Corp.	18	6,603 24	10,642 24	12,330 24	14,584 17	8,619				
11	Madison County Mining Co.	10	5,659 17	11,006 16	9,510 18	10,273 14	7,474				
12	New Castle Coal Co.	15	3,043 23	5,601 18	3,945 20	4,988 21	5,152				
13	Bullock Mining Co.	20	2,169 20	4,188 20	3,840 20	3,811					
14	Jay Coal Co.	18	2,434 13	1,821 11	1,591 20	2,760 15	2,196				
15	East Side Coal Co., No. 1.	15	669 16	652 8	392 16	940 18	1,072				
16	Edwardsville Coal Co., No. 3.	5	2,300 5	2,306							
17	Mizen Coal & Mining Co.										
Total and average		10	182,572 13	275,685 14	306,949 18	427,570 14	285,317				
MARION COUNTY—SEVENTH DISTRICT											
1	Marion County Coal Co.	10	20,603 11	26,518 12	25,150 15	35,467 11	23,285				
2	Chicago-Sandoval Coal Co., No. 2.	6	8,389 13	19,436 12	18,474 18	26,630 16	23,353				
3	Odin Coal Co.	16	14,521 23	21,346 24	22,048 26	22,160 20	17,735				
Total and average		11	43,513 16	67,300 16	65,672 20	84,257 16	64,373				
CLINTON COUNTY—EIGHTH DISTRICT											
1	Southern Coal, Coke & Min'g Co. No.9	6	15,978 8	23,003 8	22,852 12	35,644 5	14,238				
2	Breese-Trenton Mining Co., Beck.	12	18,500 11	20,953 8	13,953 12	20,090 8	13,541				
3	Breese-Trenton Mining Co., E. M.	11	12,692 14	15,269 13	14,010 19	21,222 15	16,566				
4	Breese-Trenton Mining Co., N. M.	7	11,361 9	15,434 8	13,333 11	17,909 6	8,905				
5	Consolidated Coal Co., W. M.	10	9,273 8	9,273 8	8,111 6	6,465 10	10,041				
Total and average		9	58,531 10	83,932 9	72,259 12	101,330 9	63,291				
ST. CLAIR COUNTY—EIGHTH DISTRICT											
1	St. Louis & O'Fallon Coal Co., No. 2.	15	46,619 13	41,646 14	44,850 18	57,398 19	58,550				
2	Consolidated Coal Co., No. 17.	11	26,982 12	30,515 15	34,382 19	50,769 9	24,784				
3	Perry Coal Co., St. Ellen.	11	25,339 14	33,846 12	28,477 18	40,578 18	41,986				
4	Kolb Coal Co., No. 2.	15	21,569 13	21,935 18	34,718 22	41,807 8	13,966				
5	Eldnar Coal Co., Eldnar.	21	20,760 25	27,918 20	23,569 25	26,913 25	26,511				
6	St. Louis & O'Fallon Coal Co., No. 1.	13	18,752 13	19,500 14	20,553 17	26,030 19	28,593				
7	Southern Coal, Coke & M. Co., No. 8.	7	16,841 8	19,864 7	16,674 11	26,886 8	18,794				
8	Aluminum Ore Co.	15	15,538 12	12,890 15	15,911 20	20,902 19	20,496				
9	Egyptian Coal & Mining Co.	12	19,879 9	13,010 13	13,073 20	23,537 14	19,235				
10	Southern Coal, Coke & M. Co., No. 7.	8	14,774 7	12,819 6	10,439 11	18,911 9	14,795				
11	Mulberry Hill Coal Co., No. 1.	10	10,362 15	17,487 10	13,038 18	22,429 6	8,202				
12	O. K. Coal Co.	5	3,891 15	10,744 16	13,472 23	18,289 22	17,476				
13	Perry Coal Co., Superior.	10	7,732 6	4,404 14	11,250 19	15,770 12	9,125				
14	B. B. Coal & Mining Co.	9	5,865	12	9,042 21	16,950 14	11,598				
15	Quality Coal & Mining Co.	16	10,991 10	7,182 12	8,728 23	18,946 10	7,525				
16	Perry Coal Co., Carbon.	3	2,796 6	4,699 13	11,869 14	15,003 12	11,731				
17	Southern Coal, Coke & M. Co., No. 6.	4	1,999 3	1,387 16	8,447 24	18,690 16	13,058				
18	Star Coal & Mining Co.	8	6,400 13	10,400 17	13,600 20	16,000 9	7,200				
19	Victoria Coal Co.	23	12,134 19	12,134 19	10,399 22	11,710 19	10,502				
20	Groom Coal Co.	9	4,203 17	6,668 24	9,747 23	9,297 21	8,679				
21	Perry Coal Co., Taylor.	4	3,953 4	3,813 9	9,772 12	14,430 10	11,084				
22	Southern Coal, Coke & M. Co., No. 1.	4	2,384 12	8,081 7	5,038 6	4,926					
23	New Marissa Coal Co.			1	386 24	12,599 17	9,236				
24	Kolb Coal Co., No. 1.	26	5,432 26	4,475 25	7,152 26	9,525 25	6,679				

Continued.

Number of days in operation and total tons of coal mined

December		January		February		March		April		May		June		Total		Number
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
15	53,947 16	60,089 18	71,337 24	93,588										146	548,598	1
8	32,170 16	60,525 16	61,386 24	82,265										142	523,750	2
8	34,194 16	64,877 19	75,581 19	89,508										104	457,916	3
18	42,411 22	52,124 20	49,495 25	57,556										157	363,001	4
6	21,657 8	29,412 13	39,657 15	53,338										88	291,190	5
23	36,114 23	37,824 19	31,885 27	45,542										138	213,364	6
12	17,349 13	18,346 10	14,284 13	20,225										108	153,469	7
16	6,372 14	14,560 19	22,805 26	30,551										127	141,846	8
12	11,428 12	13,702 12	14,367 19	22,597										104	112,457	9
16	9,058 19	10,674 19	11,533 20	12,635										181	96,678	10
6	3,978 11	7,268 8	4,770 10	6,411										110	66,349	11
20	5,186 24	6,898 21	5,589 19	5,186										181	45,588	12
20	4,108 10	5,171 10	3,978 13	5,738										133	33,003	13
14	2,291 24	3,669 19	2,768 21	3,007										155	22,477	14
20	1,292 19	1,742 20	1,514 18	1,387										150	9,660	15
..	..	..	..	..										10	4,606	16
..	..	9	231 15	282 20	383									44	896	17
14	281,555 16	387,112 16	408,231 20	529,857										122	3,084,848	
15	31,229 15	31,525 15	33,626 19	43,395										123	270,798	1
25	36,944 22	32,194 23	34,719 22	33,701										157	233,840	2
23	21,571 24	22,057 23	20,729 22	20,927										201	183,094	3
21	89,744 20	85,776 20	89,074 21	98,023										160	687,732	
4	11,449 8	22,550 10	28,230 19	49,362										80	223,306	1
7	11,112 11	18,013 12	18,959 11	17,852										92	152,973	2
15	16,957 15	16,773 14	15,530 19	20,980										135	149,999	3
5	7,629 9	15,661 11	17,856 13	18,533										79	126,621	4
6	6,549 19	17,890 18	18,668 17	17,892										94	94,889	5
7	53,696 12	90,887 13	99,243 16	124,619										96	747,788	
19	61,019 17	53,693 18	57,157 23	73,859										156	494,791	1
16	42,069 11	31,121 14	39,883 22	58,166										130	338,671	2
16	42,355 13	28,664 18	41,273 24	54,165										147	336,683	3
5	10,034 10	22,135 12	21,055 15	33,470										118	224,689	4
24	26,054 20	24,405 18	21,205 22	25,998										200	223,333	5
15	21,034 17	24,416 18	25,592 23	33,280										149	217,750	6
8	19,590 11	26,390 8	18,384 17	40,415										85	203,838	7
18	20,000 23	25,254 24	26,009 27	30,301										175	187,301	8
14	19,908 14	20,128 13	15,329 17	17,382										121	161,481	9
9	15,831 11	19,897 7	13,120 17	31,257										85	151,843	10
5	6,945 11	14,510 13	16,966 14	20,772										102	130,711	11
18	14,341 23	18,375 13	11,755 15	13,056										150	121,399	12
19	14,866 25	19,457 24	18,283 25	19,536										154	120,423	13
22	19,215 23	18,698 19	15,276 26	23,473										146	120,117	14
13	10,394 17	13,531 12	9,574 20	16,083										133	102,954	15
7	7,357 12	11,171 19	18,595 20	19,389										106	102,610	16
14	12,064 22	18,404 17	14,539 12	9,714										128	98,302	17
8	6,400 12	9,600 12	9,600 20	16,000										119	95,200	18
23	12,110 22	12,467 17	9,430 25	13,645										170	92,397	19
24	10,528 25	11,495 24	10,929 26	12,986										193	84,532	20
5	6,587 5	5,428 5	5,059 18	17,469										72	77,595	21
9	6,261 16	11,233 22	15,660 24	17,290										100	70,873	22
18	10,567 23	13,550 13	8,078 15	9,715										111	64,131	23
26	5,482 26	6,572 24	6,065 24	7,469										228	58,851	24

TABLE 8—

Number	Name of operator	Number of days in operation and total tons of coal mined									
		July		August		September		October		November	
		Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
25	Golden Rule Coal Co.	9	4,105	11	5,199	14	6,028	19	9,755	10	4,918
26	New National Coal & Mining Co.	12	5,838	23	12,680	6	2,838	15	8,976	5	2,484
27	Ell-Rich Mining Co. ....	.....	4	2,065	13	7,856	19	12,900	15	10,774	
28	Kolb Coal Co., No. 2.	10	4,789	8	4,191	12	6,105	23	10,962	9	4,620
29	Glendale Coal & Mining Co.	13	5,987	8	3,796	12	5,935	16	6,965	9	4,205
30	Peoples Coal Co.	5	1,868	6	3,790	7	3,139	13	7,960	13	6,679
31	General C. & M. Co.	3	2,978	13	3,040	13	5,804	13	7,577	14	5,599
32	Fallon Coal Mines Co., No. 1. ....	.....	19	2,722	23	7,609	17	3,181	20	5,319	
33	Aloys Gunalach.	18	3,216	24	4,702	16	3,214	11	2,206	14	2,485
34	Summit Coal & Mining Co. ....	.....	9	2,319	8	2,937	20	8,250	14	6,062	
35	L. & N. Coal & Mining Co. ....	.....	.....	.....	7	1,130	10	2,054	13	3,690	
36	Perry Coal Co., Pittsburg.	3	506	11	2,340	13	2,920	23	5,056	17	3,737
37	Jones Bros. Coal & Mining Co., No. 1	.....	.....	.....	.....	.....	20	7,291	11	5,063	
38	Suburban Coal Co.	14	6,830	24	11,959	.....	.....	.....	.....	.....	.....
39	Columbia Collieries Co., Columbia. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Perry Coal Co., S. B.	4	929	9	2,280	9	2,332	12	2,967	7	1,527
41	Guest Coal Co. ....	.....	.....	.....	.....	.....	25	2,180	25	1,679	
42	Premier Coal Co.	25	466	17	2,307	12	1,668	17	2,323	14	1,961
43	Columbia Collieries Co., N. L. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	Liberty Coal Co. ....	.....	.....	.....	5	1,783	8	3,019	5	2,466	
45	Abend Coal Co. ....	.....	3	27	3	57	2	20	5	972	
46	Columbia Collieries Co., N. F. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Missouri & Illinois Coal Co. ....	.....	.....	.....	.....	.....	1	150	14	2,815	
Total and average.		11	330,573	13	388,834	13	435,941	18	642,087	14	476,860
JACKSON COUNTY—NINTH DISTRICT											
1	Union Colliery Co., Kath.	9	23,653	11	32,259	12	36,859	19	58,237	12	34,321
2	Jackson Coal Co.	9	17,323	12	23,862	12	23,807	14	27,393	9	16,114
3	Consolidated Coal Co., No. 10.	19	4,213	25	11,865	22	12,839	20	13,069	18	11,544
4	Consolidated Coal Co., No. 9.	25	24,499	27	26,659	21	19,054	20	20,939	15	15,200
5	Western United Gas Coal Co., No. 2.	20	6,103	24	7,582	21	6,791	22	7,841	22	7,716
6	Gartside Coal Co., No. 4.	12	4,426	15	5,450	17	6,085	24	7,553	22	6,238
7	Midway Coal Mining Co., Ward. ....	.....	5	868	2	441	4	1,631	8	3,410	
8	Jackson Peacock Coal Co.	28	1,975	20	1,000	25	1,300	20	1,000	20	1,000
9	Doran Coal Co. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total and average.		16	82,192	17	109,545	17	107,176	18	137,663	16	95,543
PERRY COUNTY—NINTH DISTRICT											
1	Equitable Coal & Coke Co., Maj.	7	18,887	12	32,419	15	40,740	23	63,299	10	25,920
2	Paradise Coal Co.	12	28,463	21	50,737	21	46,092	22	48,434	11	25,255
3	Security Coal & Mining Co.	7	16,075	9	21,274	10	24,500	13	31,839	5	11,834
4	Southern Gem Coal Corp., No. 5.	19	17,295	25	24,449	17	15,805	22	21,546	16	14,992
5	Jewell Coal & Mining Co., No. 1.	12	10,747	25	25,501	23	20,586	20	20,161	8	9,205
6	Willis Coal & Mining Co., No. 8.	16	16,429	14	16,445	14	17,158	17	17,327	14	16,210
7	Willis Coal & Mining Co., No. 1.	14	9,676	13	9,489	14	9,444	14	9,258	18	11,245
8	Southern Gem Coal Corp., No. 7.	23	6,890	27	10,394	16	7,726	21	11,479	14	6,845
9	Scott-Smith Coal Co.	10	3,288	20	6,844	10	6,382	20	18,564	10	9,198
10	Victory Collieries Co., No. 1.	16	10,262	16	11,780	7	5,321	11	8,097	10	7,402
11	Southern Gem Coal Corp., No. 10. ....	.....	.....	.....	6	3,337	21	18,017	5	8,010	
12	Columbia Col. Co., B. E. ....	.....	.....	.....	2	63	7	487	14	7,399	
13	Jewell Coal Co., No. 2.	13	1,641	12	1,637	23	6,368	21	11,161	6	3,833
14	Victory Coal Mining Co., Vic.	8	3,145	10	4,012	15	6,351	.....	.....	18	7,223
15	Bailey Bros. Coal Co., No. 1.	13	1,476	18	2,077	21	2,970	17	2,458	19	2,773
16	Tamaroa-L. Muddy Coal Co., L. M. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Wilson Coal & Mining Co. ....	.....	.....	.....	.....	.....	.....	.....	.....	6	226
Total and average.		13	144,274	17	217,058	14	212,843	18	282,127	11	167,570
RANDOLPH COUNTY—NINTH DISTRICT											
1	Moffat Coal Co., No. 1.	19	44,495	22	54,925	19	47,963	19	47,645	21	53,139
2	Willis Coal & Mining Co., No. 6.	15	25,699	15	26,251	16	27,565	18	29,807	19	31,979

Continued.

Number of days in operation and total tons of coal mined

December		January		February		March		April		May		June		Total		
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Number
10	5,513 15	7,560 11	6,928 11	6,529										110	56,535 25	
4	1,948 14	7,556 11	5,667 14	7,952										104	55,939 26	
1	1,040 12	8,145 4	2,802 10	6,924										78	52,506 27	
8	3,462 10	5,076 8	4,070 16	7,854										104	51,129 28	
7	3,386 14	6,502 12	5,558 18	8,777										109	51,111 29	
12	6,899 12	6,884 13	6,578 10	6,606										91	50,403 30	
14	4,416 14	4,656 14	4,076 14	5,357										122	43,503 31	
12	3,986 11	2,905 10	3,740 22	9,774										134	39,236 32	
24	4,601 25	5,185 24	5,192 26	5,760										182	36,561 33	
2	764 10	4,231 3	2,246 19	7,326										85	34,135 34	
16	5,252 18	6,692 16	5,739 22	6,772										102	31,329 35	
14	2,868 15	2,869 14	3,147 19	4,899										129	28,342 36	
4	1,883 12	4,142 10	3,580 13	4,238										70	26,197 37	
		1,042 11	3,989											53	23,820 38	
		7,697 7	4,081 13	8,114										33	19,892 39	
12	2,053 15	1,612 13	1,638 20	2,747										101	18,085 40	
25	2,000 25	5,075 25	524 25	1,321										150	12,779 41	
1	115 20	2,604												106	11,444 42	
		3,708 6	2,180 15	5,487										33	11,375 43	
		250												18	7,518 44	
1	109 5	900 11	2,020 13	2,059										43	6,164 45	
		3,178 9	1,817 4	704										29	5,696 46	
			2	350										17	3,315 47	
11	471,305 18	559,064 14	528,388 19	724,440										112	4,557,492	
11	36,103 12	43,330 14	46,919 21	70,292										121	381,973 1	
9	17,579 11	20,610 10	18,804 9	16,836										95	182,328 2	
23	15,447 25	17,537 22	14,020 24	16,858										198	117,392 3	
														108	106,351 4	
25	9,139 25	9,078 23	8,224 25	8,270										207	70,744 5	
19	5,741 25	7,529 15	4,289 15	5,530										167	52,841 6	
3	1,223 4	1,401 4	1,726 16	7,978										45	18,678 7	
16	520 27	1,200 19	200 21	1,000										196	9,195 8	
		400 20	500 20	600										60	1,500 9	
15	85,752 19	101,085 16	94,682 19	127,364										133	941,002	
13	39,125 14	40,389 16	48,171 22	69,054										132	378,004 1	
10	22,802 16	36,046 14	31,952 16	36,656										143	326,437 2	
9	20,344 13	30,337 10	26,153 15	32,577										91	214,933 3	
16	15,342 21	20,321 20	19,005 22	21,277										178	170,032 4	
7	7,734 18	18,050 19	19,071 25	26,074										157	157,129 5	
20	19,557 6	6,263 8	6,587 19	19,103										128	135,079 6	
19	13,090 19	15,257 24	19,698 23	17,002										158	114,150 7	
15	7,614 21	11,860 18	10,818 24	15,923										179	89,548 8	
10	4,853 10	14,373 20	11,833 13	7,221										123	82,556 9	
9	6,479 12	9,959 10	8,191 14	11,687										105	79,178 10	
5	6,082 17	14,522 14	12,048 17	14,148										85	76,164 11	
19	15,046 24	19,769 20	15,801 20	17,063										106	75,628 12	
6	3,031 9	5,757 15	11,636 25	18,110										130	63,174 13	
16	6,559 17	6,701 12	5,060 22	9,636										118	48,687 14	
16	3,186 19	4,039 15	2,331 18	3,497										156	24,807 15	
		1,427 21	5,747 23	8,756										52	15,930 16	
12	643 19	1,511 16	1,644 23	2,343										76	6,367 17	
13	191,487 16	256,581 16	255,746 20	330,127										125	2,057,813	
19	51,788 17	47,046 10	29,239 7	20,404										153	396,644 1	
20	32,336 19	30,109 22	36,264 23	37,914										167	277,924 2	

TABLE 8—

Number	Name of operator	Number of days in operation and total tons of coal mined									
		July		August		September		October		November	
		Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
3	Madison Coal Corp., Crystal.....					27	2,146 27		32,696 28		44,066
4	Illinois Fuel Co., No. 4.....	18	19,928 22	23,494 14	14,772 17				18,823 17		18,299
5	Perry Coal Co., Perry.....	6	6,329 12	12,577 14	17,015 18				24,068 8		12,505
6	St. Louis Coal Co.....	20	13,915 21	14,242 23	13,969 22				15,846 10		8,281
7	Jones Bros. Coal & Mining Co., No. 2.....	15	11,433 19	17,348 18	14,083 20				12,800 12		8,847
8	Randolph County Coal Co., No. 2.....	21	7,834 22	9,286 13	5,077 19				7,942 17		8,544
9	Willis Coal & Mining Co., No. 9.....							12	3,586 11		3,171
10	Willis Coal & Mining Co., No. 7.....										
	Total and average.....	16	129,633 19	158,123 18	142,590 19				193,213 16		188,831
WASHINGTON COUNTY—NINTH DISTRICT											
1	Centralia Coal Co., No. 5.....	24	69,087 26	75,189 24	69,360 25				74,103 25		70,427
2	Nashville Mining Co.....	20	4,200 16	3,800 18	4,225 20				4,350 18		3,825
3	Kuhn Coalery Co.....							10	1,800 7		1,105
	Total and average.....	22	73,287 21	78,989 21	73,585 18				80,253 17		75,357
FRANKLIN COUNTY—TENTH DISTRICT											
1	C. W. & F. Coal Co., Orient.....	13	68,626 23	129,727 23	129,935 26				144,576 24		129,779
2	Bell & Zoller Mining Co., No. 1.....	15	64,495 27	133,653 24	123,392 23				135,741 24		128,207
3	Western Coal & Mining Co., No. 2.....	21	61,093 25	73,545 23	63,585 25				68,388 21		59,198
4	Bell & Zoller Mining Co., No. 2.....	18	43,886 14	35,777 21	48,685 17				47,998 19		60,985
5	Franklin Coal & Coke Co., No. 1.....	13	41,208 20	58,436 17	53,320 59				63,606 18		52,745
6	Old Ben Coal Corp., No. 11.....	12	45,787 14	55,481 14	54,959 19				73,890 15		58,234
7	Old Ben Coal Corp., No. 8.....	6	29,358 10	51,053 12	64,491 15				82,568 12		63,422
8	Old Ben Coal Corp., No. 9.....	8	39,809 13	63,503 12	58,365 14				76,037 9		44,060
9	Southern Gem Coal Corp., No. 1.....	12	34,237 11	33,734 16	50,930 19				60,090 14		43,498
10	Franklin County Mining Co.....	14	29,813 17	42,690 13	33,602 20				52,141 15		43,673
11	United States Fuel Co.....	8	27,536 12	39,262 10	29,228 11				34,128 15		48,299
12	Valier Coal Co., No. 1.....	5	18,601 3	11,051 10	35,552 13				48,491 14		52,546
13	Old Ben Coal Corp., No. 14.....	8	21,801 12	35,471 13	41,944 18				59,792 10		31,775
14	Southern Gem Coal Corp., No. 2.....	13	35,923 12	35,794 6	16,291 20				46,747 11		29,909
15	Taylor Coal Co., No. 5.....	16	26,977 17	31,065 20	38,225 23				41,381 14		26,238
16	Old Ben Coal Corp., No. 10.....	10	24,704 13	33,537 13	33,223 17				49,228 15		40,491
17	Benton Coal Mining Co., No. 1.....	17	14,619 16	21,186 13	23,391 11				33,292 8		36,545
18	Black Star Coal Co.....	11	20,505 11	22,353 12	23,500 12				24,251 14		27,691
19	Old Ben Coal Corp., No. 16.....	6	10,839 12	21,438 11	22,099 14				28,036 6		13,445
20	By-Products Coke Corp., No. 18.....	14	21,594 25	41,003 22	37,373 26				40,402 15		22,704
21	Old Ben Coal Corp., No. 12.....	8	18,306 11	27,304 12	31,980 17				41,046 11		30,571
22	Benton Coal Mining Co., No. 2.....	9	12,430 13	18,513 13	18,217 18				27,755 18		28,871
23	Old Ben Coal Corp., No. 15.....	6	5,572 12	17,800 10	19,027 13				27,628 11		23,919
24	Old Ben Coal Corp., No. 19.....	4	5,575 10	13,689 10	12,781 12				17,575 5		8,074
25	By-Products Coke Corp., No. 19.....									12	14,062
	Total and average.....	11	723,294	141,047,070 14	1,064,533 18				1,324,787 14		1,118,941
GALLATIN COUNTY—ELEVENTH DISTRICT											
1	Hickory Hill Coal Co.....	18	14,134 25	18,642 19	13,605 22				15,880		
SALINE COUNTY—ELEVENTH DISTRICT											
1	Harrisburg Colliery Co., Harco.....	25	68,068 26	70,136 8	18,742 25				72,332 24		70,851
2	Big Creek Coals, Inc., No. 3.....	18	41,932 26	66,216 18	52,018 23				65,178 13		37,804
3	Wasson Coal Co., No. 1.....	9	21,394 18	45,431 16	39,463 19				48,707 12		30,038
4	Southern Counties Coal Co., No. 20.....	25	30,203 26	33,984 24	29,408 24				33,833 24		35,596
5	O'Gara Coal Co., No. 1.....	9	19,928 17	38,606 20	40,096 24				55,698 15		35,393
6	Big Creek Coals, Inc., No. 2.....				20		30,462 23		44,971 12		23,480
7	O'Gara Coal Co., No. 10.....	4	6,436 19	27,093 23	31,656 23				30,184 16		21,344
8	J. K. Dering Coal Co., No. 2.....	6	9,400 10	16,426 13	20,800 19				33,538 11		20,316
9	O'Gara Coal Co., No. 3.....	9	16,991 14	31,166 9	16,927 15				30,329 7		13,472
10	O'Gara Coal Co., No. 8.....	9	12,539 18	25,449 22	31,690 23				32,216 14		19,660

Continued.

Number of days in operation and total tons of coal mined

December		January		February		March		April		May		June		Total		Number
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
28	42,032	10	49,840	10	40,803	11	44,649							141	256,232	3
11	12,317	10	11,228	16	18,069	24	27,063							149	163,993	4
14	17,239	18	24,886	18	26,226	14	20,756							122	161,601	5
9	7,535	11	10,220	12	10,488	15	14,516							143	109,012	6
10	7,019	15	10,788	13	8,507	18	13,417							140	104,242	7
19	9,216	8	4,616	2	952									121	53,467	8
4	1,318	6	2,669	19	7,457	20	8,273							72	26,474	9
1	73	3	256	1	98	10	1,279							15	1,706	10
14	180,873	12	191,658	12	178,103	16	188,271							122	1,551,295	
25	76,041	24	76,462	24	74,946	27	83,402							224	669,017	1
16	3,750	20	5,250	18	4,900	20	5,100							166	39,400	2
														17	2,905	3
21	79,791	22	81,712	21	79,846	24	88,502							136	711,322	
17	91,375	20	118,423	23	130,307	27	162,054							196	1,104,802	1
16	87,116	21	114,165	22	127,680	27	164,085							199	1,078,534	2
25	73,733	25	79,057	23	70,267	27	84,367							215	633,233	3
12	36,976	21	83,421	20	80,872	25	113,057							167	551,657	4
16	39,561	22	66,897	24	80,690	26	94,166							176	550,703	5
11	43,700	15	63,003	17	69,633	18	72,668							135	537,355	6
17	37,341	12	65,087	10	55,223	15	82,813							99	531,356	7
17	36,312	10	54,245	10	53,844	12	68,653							95	494,833	8
20	53,161	20	64,746	21	65,217	25	75,659							155	481,272	9
17	53,778	21	59,079	19	56,869	19	58,876							158	430,521	10
12	39,281	14	47,046	19	69,769	25	85,300							126	419,849	11
14	55,934	6	27,110	5	16,347	27	125,715							97	391,347	12
9	29,222	21	74,565	15	57,876	8	29,386							114	381,832	13
9	25,122	13	36,078	12	37,065	21	67,747							117	330,676	14
14	29,582	16	35,208	20	45,308	20	46,281							160	320,265	15
10	26,900	15	40,324	13	33,557	14	35,834							120	317,798	16
16	22,497	14	34,831	15	41,414	26	71,513							136	299,288	17
16	32,070	19	36,822	21	41,663	19	36,887							135	265,742	18
7	12,018	7	13,311	14	35,929	17	46,364							94	203,479	19
5	7,956													107	171,396	20
8	20,758													67	169,965	21
9	15,224	3	3,344											83	124,354	22
9	21,081													61	115,027	23
5	6,171	5	5,837											51	69,702	24
6	10,869													18	24,931	25
12	907,738	15	1122,599	17	1169,530	21	1521,425							123	9999,917	
														84	62,261	1
25	75,651	25	76,884	22	64,715	24	73,007							204	590,386	1
17	51,584	21	61,821	24	71,906	23	73,811							183	522,270	2
12	31,530	15	40,982	16	41,157	20	53,502							137	352,204	3
26	40,694	25	39,949	23	36,996	27	42,889							224	323,552	4
10	23,515	13	31,824	18	38,546	16	37,934							142	321,540	5
17	33,667	21	38,767	22	44,053	26	52,708							141	268,108	6
20	28,950	19	29,109	24	39,641	25	41,054							173	255,467	7
8	15,339	13	27,558	24	50,901	20	42,548							124	236,826	8
11	21,815	10	21,107	12	29,453	25	51,562							112	232,822	9
9	12,845	14	21,655	15	21,581	22	31,111							146	208,746	10

TABLE 8—

Number	Name of operator	Number of days in operation and total tons of coal mined									
		July		August		September		October		November	
		Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
11	O'Gara Coal Co., No. 11	11		10,837	18	23,342	21	24,634	17	20,015	
12	O'Gara Coal Co., No. 15				17	24,169	17	32,452	13	24,980	
13	Harrisburg Coal Mining Co.	11	7,682	18	13,216	22	13,611	23	16,093	14	10,815
14	O'Gara Coal Co., No. 12	10	10,647	15	17,369	14	13,213				
15	Saline Gas Coal Co., No. 1	3	1,250	6	2,662	11	4,561	17	8,208	12	5,651
16	Wasson Coal Co., No. 2							7	7,754	2	2,428
17	Heato Coal Co., No. 1	20	3,335	20	3,333	20	3,333	20	3,333	20	3,333
18	Dodds Coal Co., No. 1	4	1,333	5	1,591	8	2,295	13	3,759	9	2,908
	Total and average	12	251,138	17	403,515	17	395,786	20	543,219	14	378,084
WHITE COUNTY—ELEVENTH DISTRICT											
1	White County Mining Co.	11	9,776	12	10,576	14	12,814	18	16,717	8	6,620
WILLIAMSON COUNTY—TWELFTH DISTRICT											
1	Madison Coal Corp., No. 9	12	35,741	16	52,851	11	36,287	21	71,882	24	74,824
2	Peabody Coal Co., No. 3	20	48,012	24	64,648	20	54,099	25	68,251	25	59,506
3	Consolidated Coal Co., No. 7	13	33,003	22	54,572	19	48,316	20	50,648	15	38,608
4	C. W. & F. Mining Co., "A"	9	23,564	11	30,753	11	31,435	17	48,436	19	57,182
5	Big Muddy Coal Co., No. 26	17	31,654	19	40,491	21	46,092	25	51,189	22	45,639
6	Pratt Bros., Jeff.	17	35,438	20	38,950	17	34,858	19	40,873	20	40,243
7	Consolidated Coal Co., No. 8	8	18,143	8	21,342	11	26,402	20	50,044	13	33,972
8	Freeman Coal Mining Co.	20	36,079	18	32,808	18	34,177	24	40,540	12	22,592
9	West Virginia Coal Co., No. 1	21	35,133	22	37,301	16	27,037	23	39,701	19	33,086
10	Ernest Coal Co., No. 1	10	28,736	10	32,879	9	27,677	14	46,496	9	29,766
11	Madison Coal Corp., No. 8	18	27,443	19	29,088	20	31,345	25	38,788	24	32,671
12	Consolidated Coal Co., L. C.	5	11,750	6	13,153	9	20,044	16	39,130	6	15,715
13	Searles Coal Co.	12	24,576	15	27,990	16	26,348	20	36,925	11	21,206
14	Federal Coal Co., No. 25	13	18,944	25	40,600	24	37,294	23	34,489	13	20,686
15	Old Ben Coal Corp., No. 18	10	20,177	8	19,878	12	32,598	12	38,880	11	32,679
16	St. Louis Coal & Iron Co.	17	22,069	9	11,725	7	7,849	19	22,298	12	14,822
17	Scranton Coal Mining Co.	8	10,813	14	18,472	16	21,789	20	27,944	17	23,763
18	Henderson-Wallace Coal Co.	20	24,101	19	19,487	18	19,426	17	22,421	16	21,022
19	Madison Coal Corp., No. 12	25	13,681	26	14,960	24	13,743	26	16,323	24	25,396
20	Taylor Coal Co., No. 2	9	12,537	14	18,548	14	16,779	16	20,871	14	18,973
21	Slogo Coal Corp.	19	21,121	26	32,250	17	22,525	19	21,834	11	13,061
22	Johnston City Washed Coal Co.							20	35,848	13	22,695
23	Sandford Coal Co.	21	9,332	20	8,613	15	7,572	21	16,701	12	11,278
24	Chicago Big Muddy Coal & M. Co.	12	12,530	12	14,388	12	11,628	19	22,075	14	15,328
25	Old Ben Coal Corp., No. 20	8	12,029	9	14,822	8	13,208	13	23,252	8	13,041
26	Cameron Coal Co.	10	7,912	10	11,376	10	10,428	10	15,442	10	12,436
27	Old Ben Coal Corp., No. 17	7	15,149	8	18,232	11	25,988	15	38,687	9	21,375
28	Sunnyside Mining Co.							1	4,250	12	30,641
29	Orchard Coal Co.	12	10,137	17	14,887	19	15,597	23	22,770	11	10,452
30	Sincerity Coal Co.							17	16,721	18	22,374
31	Binkley Coal Co., No. 1	13	6,515	20	11,593	21	10,852	24	13,952	13	14,294
32	Taylor Coal Co., No. 3	9	8,962	10	10,716	14	13,854	18	18,585	12	11,762
33	Hoper-washed Coal Co.	9	8,359	9	8,383	16	6,277	14	13,412	8	8,055
34	Ernest Coal Co., No. 2	9	11,157	16	19,385	8	10,581	13	20,717	9	13,784
35	Southern Illinois Coal Co.									15	5,000
36	Carterville & Big Muddy C. Co., John's	5	3,873	10	3,766	14	13,926	18	17,260	12	11,977
37	Taylor Coal Co., No. 1	1	757					1	409	7	7,623
38	C. W. & F. Mining Co., "B"	9	14,308	12	19,029	12	20,773	3	4,544		
39	Sunrise Coal Co.	6	793	19	2,978	6	1,619	13	3,988	11	3,702
40	New Prosperity Coal Co., No. 1	21	1,864	19	1,822	20	1,943	22	2,167	20	1,903
41	Coal Belt Coal Co.	22	4,735	3	37	4	77	20	4,556	14	1,930
42	Hampton Coal Co., No. 1	20	1,250	22	1,325	23	1,495	24	1,415	22	1,450
43	Duncan Coal Co., Dale	20	3,997	20	3,643	15	2,192				
44	Leah Coal Co., No. 1			8	509	20	2,556	20	3,223	12	1,327
45	Watson Coal Co., No. 2	8	2,499	8	1,617	8	1,481	13	3,505	4	971
46	Carterville Black Diamond Coal Co.				6	190	3	87			
47	Herrin & Big Muddy Coal Co.	8	90	16	220	18	300	24	350	20	310
48	Carterville Fuel Co.							7	482		
49	Vulcan Coal Co.										
50	Watson Coal Co., No. 3			23	186	16	194	22	207	24	209
	Total and average	13	668,963	16	820,273	15	788,851	17	1,128,568	10	910,329

Concluded.

Number of days in operation and total tons of coal mined

December		January		February		March		April		May		June		Total		Number
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
26	32,617 21	26,359 22	29,741 26	31,062								162	198,607 11			
12	23,760 8	16,431 12	23,881 16	30,671								95	176,354 12			
19	15,546 25	20,893 18	17,196 25	25,718								175	140,770 13			
												39	41,229 14			
8	3,346 10	5,210 20	4,784 23	4,427								110	40,099 15			
4	3,701 2	2,229 4	4,380 10	11,901								29	32,402 16			
20	3,333 10	3,000 10	3,000 10	3,000								150	29,000 17			
6	2,351 7	2,781 8	2,701 11	3,756								71	23,475 18			
15	420,254 15	466,559 17	524,641 20	610,661								134	3,993,857			
6	5,166 6	5,240 9	7,914 7	6,184								91	81,007 1			
22	70,990 23	76,003 21	67,230 26	84,857								176	570,665 1			
11	33,098 25	75,851 23	71,637 26	83,043								109	558,145 2			
19	49,323 22	56,953 23	59,787 27	73,750								180	464,960 3			
15	43,402 17	53,853 19	58,124 27	82,690								145	429,439 4			
14	29,816 20	43,833 24	50,856 24	53,179								186	392,749 5			
17	32,147 18	32,236 20	41,108 27	55,091								175	350,944 6			
15	41,613 9	24,763 13	36,473 23	71,105								120	323,857 7			
13	25,996 22	41,130 24	44,243 27	50,415								178	327,980 8			
18	33,148 20	37,680 17	31,815 23	45,619								179	320,520 9			
7	25,369 12	33,808 12	30,865 19	57,260								102	312,856 10			
24	33,697 24	36,984 21	32,217 27	41,787								202	300,020 11			
8	20,740 14	36,300 22	55,890 25	71,370								111	284,092 12			
13	25,551 16	34,820 15	33,789 21	50,395								139	281,600 13			
15	23,628 17	25,713 24	39,179 22	37,951								176	278,484 14			
7	22,295 8	29,308 10	35,784 10	39,734								88	271,333 15			
23	28,249 26	39,992 24	39,401 26	42,599								163	229,004 16			
12	16,181 13	17,257 20	24,888 26	45,172								146	206,279 17			
16	21,802 15	16,999 14	18,250 14	21,252								149	184,760 18			
25	27,326 26	23,882 20	22,846 24	25,935								220	184,092 19			
13	16,917 17	22,594 16	20,581 24	31,674								137	179,474 20			
13	12,528 11	10,220 18	21,696 14	13,521								148	168,756 21			
11	19,765 15	24,368 12	21,362 24	43,918								95	167,956 22			
6	7,281 16	21,563 21	32,916 26	45,560								158	160,816 23			
12	13,552 13	15,398 18	21,935 24	28,517								136	155,351 24			
6	8,037 10	17,746 10	20,130 10	20,735								82	143,000 25			
10	15,505 12	19,013 10	18,292 12	20,316								94	130,720 26			
5	10,556											55	129,987 27			
16	42,063 7	21,041 6	13,407 6	17,153								48	128,555 28			
10	7,361 12	10,610 10	9,845 24	23,612								138	125,271 29			
15	18,093 18	23,440 17	25,582 8	11,343								93	117,553 30			
18	12,167 20	12,771 19	12,273 22	14,460								180	108,877 31			
10	9,759 13	13,331 9	9,000 3	2,504								98	98,473 32			
9	7,590 6	6,828 8	9,024 18	20,713								97	88,641 33			
4	8,643 3	3,946										62	88,213 34			
20	18,000 20	17,000 20	20,000 22	21,000								102	84,500 35			
7	5,892 11	9,511 10	8,935 3	1,894								90	77,034 36			
10	10,272 14	13,361 14	13,820 20	19,561								67	65,803 37			
												36	58,654 38			
7	2,421 15	5,843 15	5,712 9	3,374								101	30,430 39			
17	2,821 23	3,590 21	3,260 12	2,189								175	21,559 40			
13	1,708 1	31 4	731 22	5,929								104	19,734 41			
24	1,550 25	1,580 21	1,550 25	1,450								206	13,065 42			
4	386 4	491 5	624 10	1,232								78	12,565 43			
19	2,957											79	10,572 44			
												41	10,073 45			
19	902 8	489	25	1,443								61	3,111 46			
18	300 24	410 22	360 22	360								172	2,700 47			
												20	2,389 48			
												48	1,860 49			
25	373 15	229 10	145	430								135	1,543 50			
13	861,776 16	1013,389 16	1085,372 19	1387,999								5	3,500	123	8679,014	

TABLE 9—SUMMARY

Average days worked by the mines in operation												
District	July		August		September		October		November		December	
	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
First.....	11	109,616	13	130,260	12	116,535	12	150,677	13	142,040	11	128,140
Second.....	17	127,927	20	159,358	18	171,146	22	218,889	18	197,145	17	203,676
Third.....	12	70,771	15	122,039	13	121,617	20	175,829	16	122,848	16	113,994
Fourth.....	16	432,465	14	527,169	16	621,821	23	776,482	17	643,354	16	608,337
Fifth.....	14	438,758	17	507,313	16	520,002	17	663,143	16	621,720	15	654,144
Sixth.....	13	558,219	14	692,642	13	678,846	16	952,971	16	941,703	16	763,925
Seventh.....	10	237,910	13	361,761	14	393,195	18	549,887	14	363,168	14	385,919
Eighth.....	11	389,104	12	472,766	11	508,200	16	743,417	13	540,151	10	525,001
Ninth.....	17	429,386	18	563,715	18	536,194	18	693,256	15	527,301	15	537,903
Tenth.....	11	723,294	14	1,047,070	14	1,064,533	18	1,324,787	14	1,118,941	12	907,738
Eleventh.....	12	273,048	17	432,733	17	422,205	20	575,816	14	384,704	15	425,420
Twelfth.....	13	668,963	16	820,273	15	788,851	17	1,128,568	19	919,329	13	861,770
The State.....	12	4,461,461	15	5,837,099	15	5,943,145	17	7,953,722	15	6,137,700	14	6,500,671

TABLE 10—NUMBER OF MINES IN OPERATION

District	Total number of mines	July		August		September		October		November		December	
		Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked
First.....	19	19	11	19	13	18	12	18	13	18	12	18	11
Second.....	23	18	17	19	20	20	18	20	22	21	18	22	16
Third.....	21	12	12	16	15	13	13	19	20	18	16	18	16
Fourth.....	29	24	16	24	14	26	16	29	23	29	17	29	16
Fifth.....	31	24	12	24	17	24	16	26	17	28	16	27	15
Sixth.....	22	21	13	21	14	22	13	21	16	21	16	21	16
Seventh.....	21	18	10	20	13	19	14	19	19	19	13	19	14
Eighth.....	52	37	11	42	12	45	11	48	16	47	13	46	10
Ninth.....	39	30	17	30	18	33	18	34	18	36	14	35	15
Tenth.....	25	24	11	24	14	24	14	24	18	25	14	25	12
Eleventh.....	20	16	12	17	17	19	17	19	20	18	14	18	15
Twelfth.....	50	41	13	42	16	43	15	48	17	45	14	46	13
The State.....	352	284	12	298	15	312	15	325	17	325	15	324	14

BY DISTRICTS.

and total tons of coal mined each month

January		February		March		April		May		June		Total	District											
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons											
14	150,893	14	141,362	20	216,570	12	4,557	14	5,307	13	4,910	112	1,300,876	First										
20	232,386	18	242,468	24	299,473	10	1,765	14	2,001	11	1,362	152	1,857,596	Second										
17	132,429	16	127,984	24	215,721	10	165	18	3,981	21	4,125	125	1,211,503	Third										
20	787,844	19	820,414	22	986,987							157	6,204,873	Fourth										
18	741,864	18	811,591	20	955,192	22	20,774	16	15,099	12	19,828	129	5,969,428	Fifth										
16	831,354	18	876,464	24	1,221,148							127	7,517,272	Sixth										
16	492,963	16	519,737	20	657,237							127	3,961,777	Seventh										
17	649,951	14	627,631	18	849,059							111	5,305,280	Eighth										
17	631,036	16	608,377	19	734,264							127	5,261,432	Ninth										
15	1,122,599	17	1,169,530	21	1,521,425							123	9,999,917	Tenth										
15	471,799	17	532,555	20	616,845							130	4,137,125	Eleventh										
16	1,013,389	16	1,086,372	19	1,387,999					5	3,500	123	8,679,014	Twelfth										
167,258,507														177,564,485	209,661,920	13	27,261	16	26,388	15	33,734	127	61,406,093	State

AND DAYS WORKED EACH MONTH OF THE YEAR.

January		February		March		April		May		June		District	
Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked		
18	14	17	14	16	20	1	12	1	14	1	13		First
22	20	22	18	22	24	2	10	2	14	2	11		Second
16	17	16	16	17	24	1	10	4	18	3	21		Third
27	20	27	19	27	22								Fourth
26	18	26	18	25	20	1	22	1	16	2	12		Fifth
19	16	17	18	17	24								Sixth
20	16	20	17	20	19								Seventh
51	17	49	14	49	18								Eighth
37	17	37	16	36	19								Ninth
21	15	19	17	19	21								Tenth
18	15	18	17	18	20								Eleventh
45	16	43	16	45	19					1	5		Twelfth
320	16	311	17	311	20	5	13	8	16	9	15		The State

TABLE 11—CLASSIFICATION OF MINE

Number	Name of operator	Post office of mine	Underground														
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers		
BUREAU COUNTY—FIRST DISTRICT																	
1	Springvalley Coal Co., No. 3....	Springvalley...	2	29	2	1	2	1	...	357	...	...	...	...	...	...	...
2	Ill. Third Vein Coal Co., No. 1....	Ladd.....	2	24	1	1	1	1	60	127	2	4	2	2	...	...	...
3	Springvalley Coal Co., No. 1....	Springvalley...	2	22	2	1	2	1	...	267	4	...	...	...	...	...	...
4	Springvalley Coal Co., No. 5....	Dalzell.....	2	21	2	1	2	1	...	260	4	...	...	...	...	...	...
5	St. Paul Coal Co., No. 2.....	Cherry.....	2	18	1	...	...	3	...	203	...	...	...	...	1	...	...
Total.....			10	114	8	4	7	7	60	1,214	10	4	2	3	...	...	...
GRUNDY COUNTY—FIRST DISTRICT																	
1	C., Wilm. & F. Coal Co., No. 3....	So. Wilmington	5	30	1	...	2	2	...	267	...	...	...	...	...	...	...
2	Wilmington Star Coal Co., No. 7	Coal City.....	1	12	...	...	1	1	...	82	...	...	...	...	1	...	...
Total.....			6	42	1	...	3	3	...	349	...	...	...	...	1	...	...
LASALLE COUNTY—FIRST DISTRICT																	
1	LaSalle Co. Coal Co., No. 1....	LaSalle.....	3	18	1	1	1	1	50	145	2	...	6	...	...	...	...
2	LaSalle Co. Coal Co., LaSalle...	LaSalle.....	2	10	1	...	1	1	92	...	1	...	18	...	...	...	...
3	LaSalle Co. Coal Co., Union....	LaSalle.....	3	10	1	...	1	1	160	...	1	...	21	...	...	...	...
4	Illinois Zinc Co., No. 3.....	Peru.....	2	7	...	...	1	1	38	49	2	12	6	...	...	...	...
5	LaSalle Co. Coal Co., No. 5....	Cedar Point...	2	12	1	...	1	1	...	115	...	...	...	...	...	...	...
6	Seneca Coal Co., G. & J.....	Seneca.....	...	2	...	...	...	1	...	27	...	...	...	...	...	...	...
Total.....			12	59	4	1	5	6	340	336	6	12	51	...	...	...	...
LIVINGSTON COUNTY—FIRST DISTRICT																	
1	Murphy, Linskey & K. C. Co., No. 1	Pontiac.....	1	5	...	...	1	1	43	...	...	3	3	...	...	2	...
2	Fairbury Coal Co., No. 1.....	Fairbury.....	1	4	...	...	1	1	...	25	1	...	...	...	...	2	...
Total.....			2	9	...	...	2	2	43	25	1	3	3	...	...	4	...
MERCER COUNTY—FIRST DISTRICT																	
1	Alden Coal Co., No. 7.....	Matherville...	2	14	1	2	1	1	...	110	4	...	...	6	2	...	...
2	Coal Valley M. Co.....	Matherville...	2	7	...	...	1	1	...	56	...	...	...	2	2	...	...
Total.....			4	21	1	2	2	2	...	166	4	...	...	8	4	...	...
PUTNAM COUNTY—FIRST DISTRICT																	
1	St. Paul Coal Co.....	Granville.....	4	26	1	2	1	5	84	288	...	...	9	...	...	...	...
2	B. F. Berry Coal Co.....	Standard.....	1	20	1	...	1	1	...	187	...	...	...	...	...	...	...
Total.....			5	46	2	2	2	6	84	475	...	...	9	...	...	...	...

On surface																									
Shot firers' runners	Spraggers	Stablemen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Hoisting	Other	Engineers	Firemen	Top foremen	Machinists and helpers	Superintendents	Stablemen—top	Watchmen	Weighmen	Office employees at mine	Others on surface	Total on surface	Total—all employees	Number
...	4	2	5	4	9	24	442	1	1	1	3	1	2	1	3	1	1	1	1	1	...	20	36	478	1
...	4	2	4	2	10	28	277	2	...	2	3	1	4	1	4	1	1	1	1	1	...	21	38	315	2
...	7	2	6	3	8	24	351	1	1	1	3	1	2	1	3	1	1	1	1	1	...	20	36	387	3
...	2	1	8	3	6	24	337	1	1	1	3	1	2	1	3	1	1	1	1	1	...	17	33	370	4
...	1	1	6	2	5	19	262	1	1	2	3	1	4	1	2	2	1	1	1	1	4	16	36	298	5
...	18	8	29	14	38	119	1,669	6	4	7	15	5	14	5	12	4	...	3	5	5	94	179	1,848		
...	...	1	4	2	1	23	338	1	...	2	3	2	3	1	...	1	...	1	1	1	4	13	32	370	1
...	...	1	1	1	...	7	107	1	1	...	2	1	1	1	...	1	1	1	1	1	1	9	20	127	2
...	...	1	5	3	1	30	445	2	1	2	5	3	4	2	...	2	1	1	2	5	22	52	497		
...	1	1	6	2	2	10	250	2	1	2	3	...	1	1	1	...	1	...	1	...	18	30	280	1	
...	2	1	5	1	1	...	136	2	2	1	3	...	1	1	1	...	1	1	1	...	12	25	161	2	
...	2	1	4	2	1	...	208	2	...	1	3	...	...	1	...	...	...	1	1	...	7	15	223	3
...	...	1	3	1	5	...	128	1	...	2	...	...	...	1	...	...	1	1	1	...	6	14	142	4
...	3	1	6	1	3	...	146	2	...	1	3	...	2	1	...	...	...	1	1	1	12	23	169	5
...	...	1	...	...	...	...	31	...	...	1	...	...	1	1	...	...	...	1	1	...	4	35	6	
...	8	4	23	9	8	15	899	9	3	6	15	...	5	5	2	...	2	2	5	2	55	111	1,010		
...	...	2	2	...	...	...	63	1	...	...	1	...	1	1	...	2	1	...	2	2	2	13	76	1
...	...	2	...	...	...	...	37	1	...	...	1	...	...	1	...	1	1	1	...	...	6	43	2	
...	...	4	2	...	...	...	100	2	...	...	2	...	1	2	...	3	1	1	3	2	2	19	119	
...	...	1	1	4	2	5	156	1	...	1	3	...	1	1	...	...	1	...	1	1	5	15	171	1
...	...	2	...	...	6	...	79	2	...	1	1	...	2	...	...	1	1	1	1	2	4	15	94	2
...	...	1	3	4	2	11	235	3	...	2	4	...	3	1	...	1	2	...	2	3	9	30	265		
...	2	2	...	3	8	71	506	1	1	2	3	2	4	1	2	1	...	1	4	...	23	45	551	1	
...	2	1	3	2	4	22	245	1	...	1	3	2	5	1	1	1	...	2	...	4	16	37	282	2	
...	4	3	3	5	12	93	751	2	1	3	6	4	9	2	3	2	...	1	6	4	39	82	833		

TABLE 11—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
MARSHALL COUNTY—SECOND DISTRICT															
1	Toluca Coal Co., No. 1.....	Toluca.....	2	35	1	3	3	1	220	133	5	14	7	.....
2	Wenona Coal Co.....	Wenona.....	2	10	1	.....	1	1	.....	119	.....	.....	.....	1	.....
Total.....			4	45	2	3	4	2	220	252	5	14	7	1	.....
PEORIA COUNTY—SECOND DISTRICT															
1	Clark Coal & Coke Co.....	Peoria.....	4	21	1	.....	1	3	50	148	9	6	6	2	4
2	M. E. Case Coal Co.....	Peoria.....	.....	17	1	3	1	2	176	.....	4	11	11	4	2
3	Newsom Bros. Coal Co., No. 5.....	Peoria.....	.....	9	1	.....	1	1	98	.....	4	4	4	2	2
4	Logan Coal Co.....	Hanna City.....	2	10	1	.....	1	2	80	.....	4	6	6	1	4
5	Newsom Bros. Coal Co., No. 4.....	Glasford.....	2	14	1	.....	1	2	.....	105	4	.....	.....	1	2
6	Wolschlog Co-oper. Coal Co.....	Peoria.....	.....	9	1	.....	1	1	53	5	2	6	6	.....	2
7	Crescent Coal Co. No. 1.....	Peoria.....	.....	9	1	2	1	1	89	3	4	7	7	.....	2
8	Central West Coal Co.....	Edwardsville.....	.....	4	.....	.....	1	1	.....	54	1	.....	.....	.....	2
9	Collier Co-oper. Coal Co.....	Bartonville.....	1	2	.....	.....	1	1	.....	31	1	.....	.....	.....	.....
10	Silver Creek Col. Co.....	Edwardsville.....	.....	2	.....	.....	1	1	.....	.....	1	.....	.....	.....	2
11	Lancaster Coal Co., No. 1.....	Kingston Mines.....	.....	4	.....	.....	1	1	.....	30	.....	.....	.....	.....	.....
12	East Mapleton Coal Co., No. 1.....	Mapleton.....	.....	2	.....	.....	1	1	.....	4	.....	.....	.....	.....	2
13	Newsom Bros. Coal Co., No. 6.....	Peoria.....	2	2	.....	.....	1	1	23	6	.....	2	2	.....	.....
Total.....			11	105	7	5	13	18	569	386	34	42	42	10	24
TAZEWELL COUNTY—SECOND DISTRICT															
1	Groveland Coal M. Co., No. 2..	Pekin.....	7	38	3	7	2	2	251	22	20	21	21	6	2
2	Tazewell Coal Co.....	Pekin.....	2	6	1	2	1	1	97	.....	4	8	8	.....	.....
3	Lake Erie Mining Co.....	Peoria.....	.....	7	.....	1	1	1	55	21	4	4	4	.....	2
4	Ubben Coal Co.....	Pekin.....	2	3	.....	.....	1	1	20	.....	1	4	4	.....	.....
5	Regal Coal Co.....	Pekin.....	1	3	.....	.....	1	1	24	.....	.....	2	2	.....	.....
6	East Peoria Mining Co.....	East Peoria.....	1	2	.....	.....	.....	1	.....	14	.....	.....	.....	.....	2
Total.....			13	59	4	10	6	7	447	57	29	39	39	6	6
WOODFORD COUNTY—SECOND DISTRICT															
1	Roanoke Coal Co.....	Roanoke.....	2	6	1	.....	1	1	.....	95	1	.....	.....	.....	.....
2	Minonk Coal Co.....	Minonk.....	1	5	.....	.....	1	1	.....	83	1	.....	.....	.....	.....
Total.....			3	11	1	.....	2	2	.....	178	2	.....	.....	.....	.....
FULTON COUNTY—THIRD DISTRICT															
1	Cripple Creek C. Co., Nos. 1 & 2	Bryant.....	.....	25	2	3	2	2	85	213	6	5	6	4	4
2	Silver Creek C. Co., No. 1.....	Farmington.....	2	4	.....	2	1	3	150	31	16	9	9	.....	2
3	National Coal M. Co.....	Farmington.....	3	13	.....	1	1	2	30	125	2	3	3	1	2
4	Canton Coal Co.....	Canton.....	3	10	1	2	1	2	104	.....	4	9	9	.....	2
5	Alden Coal Co., No. 8.....	Farmington.....	1	11	1	3	1	1	114	15	4	7	7	.....	2
6	Spoon River Col. Co.....	London Mills.....	3	10	1	1	1	1	.....	85	5	.....	.....	3	2
7	Binzel Coal Co., No. 1.....	Farmington.....	1	4	.....	2	1	1	51	7	4	4	4	1	2
8	Rewalt Coal Co.....	Canton.....	2	7	.....	.....	1	1	32	50	.....	2	2	1	2
9	Maplewood Coal Co., No. 1.....	Farmington.....	1	5	.....	1	1	1	45	.....	2	5	5	1	2
10	Shuler & Long Coal Co.....	Fairview.....	.....	5	.....	.....	.....	1	12	23	.....	.....	.....	2	.....
11	Simmons Coal Co.....	Canton.....	4	10	.....	2	1	2	81	.....	2	8	8	1	2

Continued

Underground											On surface														
Shot firers' runners	Spraggers	Stabblers	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Hoisting	Engineers Other	Firemen	Top foremen	Machinists and helpers	Superintendents	Stabblers—top	Watchmen	Weighmen	Office employees at mine	Others on surface	Total on surface	Total—all employees	Number	
...	4	1	2	4	9	37	481	1	1	2	3	3	6	1	1	1	1	1	1	4	19	44	525	1	
...			1	1		4	141	1	1		3		2	1		1				4	2	15	156	2	
...	4	1	3	5	9	41	622	2	2	2	6	3	8	2	1	2	1	1	1	8	21	59	681		
...		1	7	7	6	5	282	1	1	1	1	2	1	1	3	1			1	2	8	23	305	1	
...	3		5	5	3	17	265	1	1	1	1			1	1	1	1	1	1	1	13	24	289	2	
...				6	2	5	139	1				1			1	1	1	1			10	17	156	3	
...	1	1	2	7	1	2	131	2		1	1	2	1	1	2	1			1		2	14	145	4	
...			3	3	5	3	146	2			2		1	1					1	1	3	11	157	5	
...			2	2			90	1							1				1	1	4	8	98	6	
...			3	4	5	4	142	1	1			1	1	1	1	1	1	1	1	1	10	19	161	7	
...				4			67	1					1	1		1			1	1	2	8	75	8	
...							37	1			1								1		1	4	41	9	
...		1		1			9	1		1		1							1		2	6	15	10	
...				2	1		39	1											1	1	11	14	53	11	
...							10												1				1	11	12
...				2			41	1			2			1		1			1		2	8	49	13	
...	5	2	23	43	23	36	1,398	14	3	4	8	7	4	9	6	7	3	4	12	8	68	157	1,555		
...	2		8	17	5		434	5		4	4		1	1		1	1		2	5	13	37	471	1	
...	1	3	3				137	1		1	3		1	1		1	1		1		5	14	151	2	
...		3	3			2	108	1			1			1		1	1	1	1		3	10	118	3	
...		1	1				38	1			1					1			1		1	5	43	4	
...				1			35				1		1			1			1		1	4	39	5	
...		1					21				1								1	1		3	24	6	
...	2	1	16	25	5	2	773	8		5	11		3	3		3	2	1	7	7	23	73	846		
...	1	1	2	1	10		122	1		1	2		2	1		1	1		1	2	5	17	139	1	
...		2					94	1			2				1	1	1	1	1	1	2	10	104	2	
...	1	3	2	1	10		216	2		1	4		2	2	1	1	2		2	3	7	27	243		
...			9	19	5	21	411	2	1	1		1	2	2		2	1	2	1	2	12	29	440	1	
...	3		5	15	2	9	263	3		1	3				1	2	1		1	1	9	22	285	2	
...	1	1	2	8			198	1	1		3					1		1	1	1	7	15	213	3	
...	1	2	7	4	3		164	2			3			1	1		1				3	11	175	4	
...	2	1	2	4	3		179	2		1	3		1	1		1			1	2	4	16	195	5	
...	1	2	4	2	6		127	1		1	3		3		1	1	1	1	1	3	15	142	6		
...	1		1	4		1	89	1			1	1				1		1	1	3	9	98	7		
...		4	3	2			109	1			2			1		1		1	1	2	9	118	8		
...		3	1	1	2		76	1			3		1						1	3	9	85	9		
...				1			44					1				1			1		1	4	48	10	
...	1	3	5	2	4		136	2				3		1					1	2	2	11	147	11	

TABLE 11—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
12	Monmouth Coal Co., No. 1.....	Brereton.....	2	13	1	2	1	1	60	40	4	5	5	...	2
13	Coal Creek Mining Co., No. 1.....	Fairview.....	...	3	...	...	1	1	...	13	...	...	...	...	...
14	Eclipse Coal Co.....	Astoria.....	...	1	...	...	1	1	2	5	...	1	1	...	...
15	W. Donaldson Coal Co., No. 1.....	Cuba.....	...	1	...	...	1	...	...	11	...	...	...	...	...
16	Middleton Coal Co.....	Canton.....	1	4	...	1	1	...	...	42	...	...	...	...	2
17	Robt. Gooden Coal Co.....	Farmington.....	...	1	...	...	1	...	...	12	...	...	...	...	...
18	Joe McGlaughlin & Son.....	Canton.....	...	2	...	...	1	...	...	12	...	...	...	...	...
19	Alden Coal Co., No. 6.....	Norris.....	2	7	1	2	1	1	55	9	2	6	6	...	2
20	Big Six Coal Co., No. 1.....	Fairview.....	...	1	...	...	...	...	...	8	...	...	...	...	...
21	G. & L. Coal Co.....	Canton.....	...	2	...	...	...	...	...	10	...	...	...	...	...
Total.....			25	138	8	21	16	26	821	711	51	64	67	12	28
LOGAN COUNTY—FOURTH DISTRICT															
1	Sangamon Co. Mining Co.....	Lincoln.....	2	23	2	1	2	2	...	270	8	...	...	...	4
2	Citizens Coal Mining Co.....	Lincoln.....	2	20	1	...	1	1	...	138	...	...	...	1	2
Total.....			4	43	3	1	3	3	...	408	8	...	...	1	6
MENARD COUNTY—FOURTH DISTRICT															
1	Union Fuel Co.....	Athens.....	2	11	...	...	1	1	...	127	2	...	...	...	2
SANGAMON COUNTY—FOURTH DISTRICT															
1	Madison Coal Corp., No. 6.....	Divernon.....	6	6	2	10	4	7	348	...	36	29	29	...	2
2	Peabody Coal Co., No. 6.....	Sherman.....	2	25	3	1	2	1	...	381	3	...	...	...	6
3	Spfld. Dist. Coal M. Co., No. 55.....	Springfield.....	2	22	3	...	2	1	...	395	6	...	...	...	4
4	Peerless Coal Co.....	Springfield.....	1	14	...	3	2	5	...	361	22	...	...	1	6
5	C. Wilm. & F. Coal Co., No. 1.....	Thayer.....	4	33	3	9	4	1	288	...	12	24	24	...	6
6	Panther Creek Coal Co.....	Auburn.....	2	...	...	2	5	...	...	315	28	...	...	...	6
7	Citizens Coal Mining Co., "B".....	Springfield.....	2	20	2	1	2	1	...	240	6	...	...	...	4
8	Spfld. Dist. Coal M. Co., No. 57.....	Springfield.....	2	18	...	2	1	...	...	217	4	...	...	...	4
9	Spring Creek Coal Co.....	Springfield.....	2	17	2	1	1	2	...	250	6	...	...	...	4
10	Sangamon Co. Mining Co., Jeff.....	Springfield.....	1	21	1	...	1	1	...	235	3	...	...	...	4
11	Sangamon Coal Co., No. 2.....	Springfield.....	1	18	3	...	1	1	...	260	3	...	...	1	4
12	Illinois Coal & Coke Corp., No. 1.....	Springfield.....	2	19	3	2	2	1	...	245	6	...	...	2	4
13	West End Coal Co.....	Springfield.....	1	17	2	1	1	1	...	240	8	...	...	...	4
14	Chicago-Springfield Coal Co.....	Springfield.....	4	18	2	...	2	1	...	185	4	...	...	...	4
15	Bissell Coal Co.....	Springfield.....	4	13	1	1	1	1	...	198	...	...	...	...	4
16	Union Fuel Co., No. 5.....	Sherman.....	2	14	...	1	2	...	...	206	3	...	...	...	3
17	Spfld. Dist. Coal M. Co., No. 53.....	Springfield.....	2	17	...	2	1	...	...	238	8	...	...	...	4
18	Springfield Co-oper. Coal M. Co.....	Springfield.....	2	16	1	...	1	1	...	140	4	...	...	...	2
19	Spfld. Dist. Coal M. Co., No. 52.....	Riverton.....	2	16	1	...	2	1	...	270	6	...	...	...	6
20	Union Fuel Co., No. 3.....	Auburn.....	2	14	...	1	1	2	...	195	4	...	...	...	2
21	Dawson Coal Co., No. 1.....	Dawson.....	2	10	1	...	1	1	...	115	2	...	2	...	2
22	Union Fuel Co., No. 2.....	Springfield.....	3	13	1	...	2	2	...	165	4	...	...	...	4
23	Lincoln Park C. & B. Co.....	Springfield.....	2	8	1	...	1	1	...	75	2	...	...	...	2
24	Sangamon Coal Co., No. 3.....	Cantrall.....	1	7	1	...	1	1	...	92	1	...	1	2	2
25	Spfld. Dist. Coal M. Co., No. 51.....	Springfield R 5	1	14	...	...	1	1	...	105	...	...	...	...	2
26	Illinois Coal & Coke Corp., No. 2.....	Auburn.....	2	8	...	2	2	...	...	46	2	...	...	1	2
Total.....			57	398	33	32	47	40	636	5,167	183	53	53	8	97

Continued

Underground										On surface															
Shot firers' runners	Spraggers	Stablemen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Hoisting	Other	Engineers	Firemen	Top foremen	Machinists and helpers	Superintendents	Stablemen—top	Watchmen	Weighmen	Office employees at mine	Others on surface	Total on surface	Total—all employees	Number
...	2	1	2	5	2	10	158	3	3	2	1	...	1	...	1	1	...	5	17	175	12
...	...	...	...	...	...	...	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	19	13
...	...	...	...	...	...	...	12	...	...	...	1	...	...	...	...	...	...	...	...	1	...	2	14	14
...	...	...	...	...	...	...	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	14	15
...	...	...	2	1	...	...	54	1	...	...	1	...	...	...	...	...	1	...	...	...	2	5	59	16
...	...	...	...	...	...	...	14	...	...	...	1	...	...	...	...	...	...	...	...	1	...	3	17	17
...	...	...	...	...	...	...	15	...	...	...	...	...	...	...	...	...	...	...	1	1	...	3	18	18
...	1	...	1	4	...	3	103	2	3	1	1	...	1	1	1	1	1	3	14	117	19
...	...	...	...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	20
...	12	1	1	...	1	3	15	21
...	10	6	38	81	20	62	2,205	22	2	4	28	10	...	10	9	3	13	3	5	16	16	58	199	2,404	
...	2	1	7	6	2	7	339	2	...	1	3	1	...	4	1	...	1	...	2	2	...	8	25	364	1
...	1	8	6	6	6	4	191	2	3	3	1	1	1	3	...	14	28	219	2
...	2	2	15	12	8	11	530	4	...	1	6	1	...	7	2	...	1	...	1	3	5	22	53	583	
...	1	1	7	2	1	1	159	1	...	1	3	1	1	...	1	...	1	10	19	178	1
...	1	40	45	14	100	...	679	3	3	2	4	6	1	5	1	1	2	1	6	24	59	738	1
...	2	1	10	11	3	5	456	3	...	1	3	1	...	2	1	...	1	...	2	3	13	30	486	2	
...	3	1	10	12	3	15	459	2	1	2	3	...	...	2	1	...	1	...	2	3	6	23	482	3
...	3	1	12	12	1	15	459	2	1	1	3	1	...	2	1	2	1	...	1	2	3	18	38	497	4
...	15	1	15	12	17	37	505	1	1	4	2	1	...	6	1	3	1	...	1	2	8	40	71	576	5
...	...	10	18	390	2	1	...	3	1	...	3	1	...	2	...	1	1	3	15	33	423	6
...	2	1	6	8	3	11	309	2	1	1	3	...	...	1	...	1	1	1	1	3	7	22	331	7
...	1	1	8	4	4	6	272	2	...	4	3	1	...	1	1	...	1	1	1	3	13	32	304	8	
...	2	1	2	8	2	10	310	1	1	1	3	2	1	...	2	...	1	2	4	7	25	335	9
...	1	1	6	6	3	16	300	1	1	1	3	...	...	1	...	1	1	1	1	2	8	20	320	10
...	2	1	5	15	5	14	336	1	1	1	1	2	...	2	1	...	1	1	1	2	14	29	365	11	
...	4	1	10	8	6	17	332	2	...	1	3	...	...	1	1	...	1	1	1	1	13	25	357	12
...	2	1	4	8	5	14	309	1	...	2	3	1	1	...	1	...	1	1	3	7	21	330	13
...	1	3	2	7	9	4	260	2	...	2	3	2	1	...	1	...	1	2	1	10	25	285	14
...	3	1	4	4	5	5	245	2	1	1	3	...	...	1	...	1	...	1	...	...	5	15	260	15
...	1	1	4	3	1	2	243	1	...	1	3	...	...	1	1	...	1	...	1	1	6	16	259	16
...	1	1	10	8	2	6	300	2	...	2	3	2	1	...	1	...	1	2	3	6	23	323	17
...	1	1	4	8	4	10	195	1	1	1	3	1	1	...	1	1	1	2	1	2	16	211	18
...	2	10	10	10	2	15	353	2	...	1	2	1	...	2	1	2	1	1	2	2	...	6	23	376	19
...	1	1	2	2	2	2	231	1	...	1	3	...	...	1	1	...	1	...	1	1	6	16	247	20
...	1	1	4	5	3	5	155	1	...	...	3	1	...	1	1	...	1	1	1	1	3	15	170	21
...	2	1	6	4	4	1	212	1	...	1	3	...	...	1	1	...	1	...	1	1	7	17	229	22
...	1	...	2	2	3	2	102	1	...	1	3	...	...	1	...	...	...	1	1	1	4	13	115	23
...	1	1	2	...	1	...	114	1	1	...	1	2	...	1	...	...	...	...	...	1	1	9	123	24
...	2	1	6	5	4	5	147	1	3	1	2	1	4	13	160	25
...	1	4	4	1	5	...	80	1	1	2	3	...	...	1	...	3	1	1	1	1	5	20	100	26
3	56	34	213	233	77	333	7,753	40	15	34	73	11	...	34	21	15	26	9	18	36	57	250	639	8,392	

TABLE 11—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot fires
CHRISTIAN COUNTY—FIFTH DISTRICT															
1	Peabody Coal Co., No. 8.....	Tovey.....	2	1	1	12	3	5	375	44	24	24	3	...	...
2	Peabody Coal Co., No. 7.....	Kincaid.....	2	1	1	9	3	5	398	36	29	29	...	...	...
3	Peabody Coal Co., No. 9.....	Taylorville.....	1	18	1	7	2	1	226	16	24	24	2	...	...
4	Penwell Coal Mining Co.....	Pana.....	2	13	2	1	2	1	10	250	2	...	...	...	...
5	Pana Coal Co., No. 2.....	Pana.....	3	12	2	1	2	1	4	195	4	...	...	...	...
6	Spfld. Dist. Coal M. Co., No. 58.....	Taylorville.....	2	1	4	2	4	...	...	253	28	...	...	2	4
7	Peabody Coal Co., No. 21.....	Stonington.....	1	16	...	2	2	1	127	...	6	6	6	2	...
8	Smith-Lohr Coal Mining Co.....	Pana.....	5	13	2	1	2	1	...	145	5	...	...	...	...
9	Pana Coal Co., No. 1.....	Pana.....	2	10	3	1	2	1	...	128	5	...	...	...	...
10	Assumption Coal Mining Co.....	Assumption.....	2	5	...	1	1	1	...	42	1	...	4	...	...
11	Christian Co. Mining Co.....	Edinburg.....	1	4	...	...	...	1	...	25	...	...	...	...	2
Total.....			21	93	10	39	22	22	1,140	1,038	147	83	87	9	6
MACON COUNTY—FIFTH DISTRICT															
1	Macon Co. Coal Co., M. C.....	Decatur.....	2	13	1	2	1	3	80	4	5	5	...	...	...
2	Decatur Coal Co.....	Decatur.....	2	17	1	1	1	2	...	120	2	...	...	1	...
3	Niantic Carbon Coal Co.....	Niantic.....	2	4	...	...	1	1	...	45	2	...	...	...	2
Total.....			6	34	2	3	3	6	80	165	8	5	5	1	2
MOULTRIE COUNTY—FIFTH DISTRICT															
1	Lovington Coal M. Co., No. 1.....	Lovington.....	2	14	1	...	1	2	10	144	2	...	...	1	...
SHELBY COUNTY—FIFTH DISTRICT															
1	Moweaqua Coal & M. Co., No. 1.....	Moweaqua.....	4	8	...	2	1	1	70	...	2	8	8	...	...
VERMILION COUNTY—FIFTH DISTRICT															
1	U. S. Fuel Co., Verm.....	Georgetown.....	2	26	...	8	6	1	391	155	12	19	19	...	4
2	Peabody Coal Co., No. 24.....	Danville.....	2	31	...	8	3	5	241	190	8	14	14	...	4
3	U. S. Fuel Co., No. 4.....	Westville.....	2	22	...	3	4	1	...	317	8	...	...	3	3
4	U. S. Fuel Co., Bunsen.....	Georgetown.....	2	13	...	3	2	1	111	163	4	5	5	1	2
5	United Electric Coal Co., No. 1.....	Danville.....	...	...	...	...	...	...	...	...	...	...	...	...	...
6	Brady Branch Coal Co.....	Tilton.....	1	14	...	2	...	...	120	20	2	6	6	3	2
7	Taylor-English Coal Co., No. 2.....	Catlin.....	1	22	1	1	1	3	126	24	...	6	6	1	2
8	United Electric Coal Co., No. 6.....	Danville.....	2	11	1	2	1	1	130	6	2	5	5	1	2
9	United Electric Coal Co., No. 4.....	Danville.....	...	...	...	...	...	...	...	...	...	...	...	...	...
10	United Electric Coal Co., No. 5.....	Danville.....	...	...	...	...	...	...	...	...	...	...	...	...	...
11	Chicago Coal Co.....	Catlin.....	...	...	...	...	...	...	...	...	...	...	...	...	...
12	I. & J. Coal Co.....	Georgetown.....	...	...	...	...	...	...	...	...	...	...	...	...	...
13	Sharon Coal Co.....	Georgetown.....	1	4	...	...	1	...	...	50	...	...	...	...	...
14	Chicago Coal Co., No. 1.....	Fairmount.....	2	8	1	1	1	3	41	19	...	3	3	...	2
15	Lone Oak Coal Co.....	Danville.....	1	1	...	...	...	1	...	12	...	...	...	...	1
Total.....			16	152	3	28	19	17	1,160	956	36	58	58	9	22

Continued

Underground											On surface															
Shot firers' runners	Spraggers	Stabblers	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Hoisting	Other	Engineers	Firemen	Top foremen	Machinists and helpers	Superintendents	Stabblers—top	Watchmen	Weightmen	Office employees at mine	Others on surface	Total on surface	Total—all employees	Number	
...	3	7	20	23	543	5	1	3	3	2	1	2	1	1	1	3	2	37	54	597	1					
...	2	12	26	6	22	580	2	2	3	3	2	1	2	1	2	1	3	24	46	626	2					
...	1	16	13	40	392	2	2	1	3	3	1	3	1	2	1	1	2	20	35	427	3					
...	4	1	4	4	5	302	2	2	3	3	3	3	1	1	1	1	1	20	36	338	4					
...	2	1	6	4	7	349	1	1	2	3	3	3	1	1	1	1	1	3	20	45	394	5				
...	2	10	12	10	334	1	1	3	3	3	2	1	1	1	1	1	1	19	31	365	6					
...	2	1	3	5	26	206	1	1	1	3	3	1	1	1	1	2	12	27	233	7						
...	2	1	9	3	2	209	1	1	3	3	3	1	2	1	1	1	3	20	36	245	8					
...	2	1	3	3	6	227	1	1	2	3	3	1	1	1	1	1	2	27	43	270	9					
...	1	1	2	1	1	81	1	1	3	3	3	1	1	1	1	1	1	2	14	95	10					
...	1	1	1	1	1	36	1	1	1	1	1	1	1	1	1	1	1	1	8	44	11					
...	21	6	73	92	27	323	3,259	18	9	12	31	2	20	9	6	11	4	117	23	212	375	3,634				
...	1	2	2	1	38	160	1	1	3	1	1	1	1	1	1	1	1	5	15	29	189	1				
...	1	1	5	6	2	164	1	1	3	1	1	1	1	1	1	1	1	4	19	183	2					
...	1	1	1	1	1	64	2	1	2	1	1	1	1	1	1	1	1	1	1	8	72	3				
...	2	2	11	9	4	40	388	2	1	1	8	3	2	3	3	2	3	11	20	56	444					
...	2	5	1	2	4	3	195	1	1	3	1	4	1	1	1	1	1	5	18	213	1					
...	2	2	3	3	2	116	1	1	3	1	1	1	1	1	1	1	2	11	11	127	1					
...	4	2	37	33	18	102	839	4	4	1	3	1	5	1	1	1	1	4	17	41	880	1				
...	2	1	18	10	4	22	577	2	1	3	3	4	1	1	1	1	2	4	23	41	618	2				
...	3	2	18	18	9	53	466	1	1	3	3	4	1	1	1	1	1	3	12	26	492	3				
...	3	1	12	14	7	72	421	2	2	3	3	3	1	2	1	1	1	3	16	31	452	4				
...	1	1	8	4	5	13	207	1	1	1	1	6	6	1	2	1	1	89	111	111	5					
...	1	1	9	6	3	11	225	2	1	3	1	2	1	1	1	1	1	6	16	223	6					
...	1	4	4	4	7	188	1	1	1	1	1	1	1	1	1	1	1	1	7	19	244	7				
...	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	197	8				
...	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	60	68	68	9				
...	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	55	60	60	10				
...	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	38	38	11				
...	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	27	35	35	12				
...	1	4	2	2	3	69	1	1	1	1	2	1	1	1	1	1	1	2	11	80	13					
...	1	6	3	2	3	99	1	1	3	1	1	1	1	1	1	1	1	3	12	111	14					
...	1	1	1	1	1	17	1	1	1	1	1	1	1	1	1	1	1	3	3	2015						
...	15	8	117	94	54	286	3,108	19	15	4	32	14	30	11	2	14	2	8	12	16	342	521	3,629			

TABLE 11—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot frers
MACOUPIN COUNTY—SIXTH DISTRICT															
1	Superior Coal Co., No. 3	Gillespie	3	7		9	4	6	406		36	24	24		
2	Superior Coal Co., No. 1	Gillespie	3	24		13	4	7	394		26	26	26		
3	Superior Coal Co., No. 2	Gillespie	3	29		9	4	6	402		16	23	23		
4	Superior Coal Co., No. 4	Gillespie	3			12	2	5	384		30	24	24		
5	Consolidated Coal Co., No. 7	Staunton	5	20	1	4	4	6	370		24	20	20		
6	Standard Oil Co. (Ind.), No. 1	Carlinville	2			9	2	1	293		43	22	22		4
7	Consolidated Coal Co., No. 15	Staunton	5	32		5	3	5	340		10	20	20		
8	Illinois Coal Corp., No. 3	Viriden	3	22		3	2	1	154	65	6	11	11		2
9	Madison Coal Corp., No. 5	Mt. Olive	6	15		1	2	2	125		6	20	20	1	
10	Consolidated Coal Co., No. 14	Staunton	6	18	1	4	4	5	380		22	15	15		
11	Gillespie Coal Co.	Gillespie	1	8		2	1	1	96		2	7	7		
12	Royal Colliery Co.	Viriden	4	30	1	5	3	4	250		6	22	22		
13	Illinois Coal & Coke Corp., No. 4	Girard	3	14	1	3	2	2	102	84	6	8	8		4
14	Standard Oil Co. (Ind.), No. 2	Carlinville	2			11	2	1	102		47	23	23		4
15	Bartels Coal Co.	Carlinville	1	3			1	1	30		6	6	1		
Total			50	222	4	90	40	53	3,828	149	280	271	271	2	14
MONTGOMERY COUNTY—SIXTH DISTRICT															
1	Nokomis Coal Co., No. 1	Nokomis	2			8	3	6	337	92	42	29	29		
2	Shoal Creek Coal Co.	Panama	4	26	1	11	5	1	292		14	25	25		6
3	Ind. & Ill. Coal Corp., No. 15	Taylor Springs	2		1	14	2	1	275		32	31	31	1	
4	Hillsboro Coal Co.	Hillsboro	4	20		4	2	3	140		10		20	2	
5	Ind. & Ill. Coal Corp., No. 11	Hillsboro	2	28	1	5	2	1	240		6	21	21		
6	Ind. & Ill. Coal Corp., No. 10	Nokomis	3		2	8	3	1	130	90	24	30	30	1	
7	Ind. & Ill. Coal Corp., No. 12	Witt	2	32	1	3	2	1	269	60	8	14	14	1	
Total			19	106	6	53	19	14	1,683	242	136	150	170	5	6
BOND COUNTY—SEVENTH DISTRICT															
1	Pocahontas Mining Co., No. 1	Pocahontas	2	14	1	3	2	2	140	32	4	10	10		4
MADISON COUNTY—SEVENTH DISTRICT															
1	Mt. Olive & Staunton C. Co., No. 2	Staunton	5	32	1	7	3	6	369		6	29	29		
2	Donk Bros. C. & C. Co., No. 2	Maryville	5	18		7	3	8	296		32	25	25		
3	New Staunton Coal Co., No. 1	Livingston	2	7	2	6	3	1	373		40	31	31		
4	Madison Coal Corp., No. 2	Glen Carbon	3	21		1	2	6	240		8	19	19	3	
5	Lumaghi Coal Co., No. 2	Collinsville	1	4		6	2	4	280		22	22	22		2
6	Donk Bros. C. & C. Co., No. 4	Edwardsville	1	1		4	1	4	171		18	12	12		
7	Donk Bros. C. & C. Co., No. 3	Troy	8	16		1	2	6	55	109	6	5	5		3
8	Kerens-Dormewald C. Co., K.D.	Worden	1	17		3	2	1	134		4	11	11		
9	Lumaghi Coal Co., No. 3	Collinsville	1	10	1	1	1	1	6	130	2	1	1		2
10	Abbey Coal Corp.	Collinsville	1	11		1	1	1	56			4	4		
11	Madison Co. Mining Co.	Edwardsville	3	7			1	1	80	8	2	9	9		2
12	New Castle Coal Co.	Edwardsville	2	7	1		1	1	30				12	2	
13	Bullock Mining Co.	Collinsville	2	5			1	1		22					2
14	Jay Coal Co.	Bethalto	1	3			1	1	18			3	3		
15	East Side Coal Co.	Edwardsville	1	1			1	1		12					2
16	Edwardsville Coal Co., No. 3	Edwardsville	2	7			1	1	36	20		7	7	1	2
17	Mizer Coal Co.	Mora		1				1	6						
Total			39	168	5	37	26	45	2,150	301	140	178	190	6	15

Continued

Underground											On surface													
Shot firers' runners	Spraggers	Stabblers	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Hoisting	Other	Firemen	Top foremen	Machinists and helpers	Superintendents	Stabblers—top	Watchmen	Weightmen	Office employees at mine	Others on surface	Total on surface	Total—all employees	Number
4	1	23	44	101	692	5	2	1	4	1	4	1	4	1	2	1	1	2	1	21	46	738	1	
5	2	37	47	5	739	5	1	2	4	1	5	1	5	1	1	2	1	1	17	40	779	2		
4	2	13	39	1	685	5	2	2	4	1	5	1	5	1	1	2	1	1	21	46	731	3		
3	2	20	40	106	655	5	1	3	4	1	3	1	3	1	1	2	1	20	43	698	4			
...	2	1	3	21	637	4	1	2	3	...	3	1	3	1	2	1	2	30	50	687	5			
...	3	25	30	1	505	2	3	1	3	2	3	2	3	2	1	1	1	13	35	540	6			
...	2	1	6	22	567	2	2	3	3	...	10	1	1	1	1	1	2	31	60	627	7			
...	5	1	7	11	327	2	...	3	3	1	3	1	3	1	2	1	1	12	33	360	8			
...	2	1	13	6	242	2	1	2	3	...	5	1	1	1	1	1	3	15	35	277	9			
...	2	1	4	22	620	4	2	3	3	...	6	1	1	1	1	1	2	24	48	668	10			
...	1	1	3	6	149	1	1	1	3	...	1	...	1	...	1	...	...	2	10	159	11	
...	5	1	18	16	414	3	...	2	3	...	7	1	3	1	1	1	2	16	44	458	12			
...	3	1	8	4	270	1	1	4	1	2	4	1	1	1	1	1	1	12	32	302	13			
...	2	29	41	1	316	2	5	...	3	2	3	1	1	1	1	1	1	14	37	353	14			
1	...	2	2	1	55	1	1	...	3	...	1	...	1	...	1	...	1	1	2	11	66	15		
17	33	13	211	351	58	916	6,873	47	23	29	47	11	62	15	14	9	8	11	24	20	250	570	7,443	
...	4	38	44	58	692	4	3	2	4	2	5	1	3	1	1	1	1	2	5	46	80	772	1	
...	10	1	17	22	503	4	1	7	4	1	6	2	2	2	1	1	2	4	26	61	564	2		
...	2	8	12	5	419	3	3	2	2	1	4	1	2	1	1	1	1	3	17	40	459	3		
...	2	1	12	8	270	2	...	2	3	1	3	1	1	1	1	1	2	1	4	21	291	4		
...	2	1	24	16	427	2	2	5	3	...	4	1	1	1	1	1	1	3	8	30	457	5		
...	4	20	27	2	399	2	4	2	2	1	1	1	1	1	1	1	1	3	18	37	436	6		
...	4	9	19	2	451	2	2	4	3	...	4	1	1	1	1	1	1	3	8	30	481	7		
2	28	3	128	154	41	196	3,161	19	15	24	21	6	27	8	11	3	4	2	10	22	127	299	3,460	
2	1	1	6	7	5	13	259	3	...	1	3	...	1	1	...	1	...	1	1	1	13	25	284	1
...	2	1	4	30	16	42	582	2	4	3	2	2	3	1	2	1	1	1	2	4	26	54	636	1
...	4	1	24	19	4	30	501	5	2	2	3	...	4	1	1	1	1	1	1	32	53	554	2	
...	5	1	2	31	10	34	579	4	1	2	4	...	5	1	1	2	1	1	2	3	20	47	626	3
...	1	18	10	3	31	385	4	1	2	3	...	8	1	3	1	1	1	1	5	11	41	426	4	
...	1	3	20	22	2	26	440	3	3	2	3	...	4	1	2	1	1	1	3	13	36	476	5	
...	1	7	14	1	13	260	2	1	1	3	...	3	1	2	1	1	1	1	2	18	36	296	6	
...	2	1	40	12	3	12	286	2	1	2	3	...	4	1	...	1	1	1	2	10	27	313	7	
...	1	1	10	9	1	43	249	3	...	2	3	...	2	...	1	1	...	1	2	13	28	277	8	
...	1	1	3	5	2	3	172	1	...	1	3	...	1	1	1	1	8	17	189	9	
...	...	3	3	...	3	...	88	1	...	2	...	...	1	...	...	...	...	1	3	9	97	10
...	...	2	4	2	2	...	132	1	...	2	...	...	1	...	1	...	1	1	...	6	138	11
...	...	2	2	...	60	1	...	2	...	1	...	...	1	...	1	...	1	1	1	9	69	12
...	...	1	1	...	35	1	1	1	...	1	...	...	1	...	1	...	1	1	2	9	44	13
...	...	...	1	...	31	1	...	1	...	1	...	...	1	...	...	...	...	1	...	5	36	14
...	1	...	...	...	19	...	1	...	1	...	1	...	1	...	...	...	...	...	...	2	21	15
...	1	1	4	3	2	...	95	1	1	2	3	...	1	...	1	...	1	1	5	16	111	16		
...	...	...	...	...	8	...	1	...	1	...	1	...	1	...	...	...	...	1	2	10	17	
2	20	9	140	166	46	239	3,922	32	16	20	39	2	38	10	12	11	2	7	18	28	162	397	4,319	

TABLE 11—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
MARION COUNTY—SEVENTH DISTRICT															
1	Marion County Coal Co.....	Centralia.....	2	22	4	4	2	1	55	241	10	19	19	...	4
2	Chicago-Sandoval Coal Co., No. 2	Sandoval.....	4	24	3	...	2	1	...	180	8	...	...	...	4
3	Odin Coal Co.....	Odin.....	4	14	...	1	2	1	156	6	4	12	12	...	...
Total			10	60	7	5	6	3	211	427	22	31	31	...	8
CLINTON COUNTY—EIGHTH DISTRICT															
1	Southern C. & M. Co., No. 9.....	New Baden.....	2	23	1	5	3	1	...	234	14	17	17	...	...
2	Breese-Trenton M. Co., Beck.....	Beckemeyer.....	2	14	2	2	2	1	184	...	5	8	8	1	...
3	Breese-Trenton M. Co., East.....	Breese.....	3	11	...	2	1	1	130	...	8	6	6	...	...
4	Breese-Trenton M. Co., North.....	Breese.....	1	15	...	2	2	2	169	...	4	13	13	...	...
5	Consolidated Coal Co.....	Breese.....	4	10	1	1	1	1	103	...	4	6	6	...	...
Total			12	73	4	12	9	6	586	234	35	50	50	1	...
SAINT CLAIR COUNTY—EIGHTH DISTRICT															
1	St. L. & O'Fallon Coal Co., No. 2	East St. Louis..	4	20	1	6	3	6	311	...	21	25	25	...	...
2	Consolidated Coal Co., No. 17...	Collinsville.....	6	25	1	3	2	1	190	35	6	14	14	1	2
3	Perry Coal Co., St. Ellen.....	O'Fallon.....	2	23	2	...	1	1	...	288	4	...	...	...	4
4	Kolb Coal Co., No. 2.....	Mascoutah.....	2	20	3	...	1	2	...	224	4	...	...	...	2
5	Eldnar Coal Co.....	Belleville.....	4	10	...	1	2	...	...	217	4	...	...	...	2
6	St. L. & O'Fallon Coal Co., No. 1	East St. Louis..	6	16	1	...	2	2	...	175	4	...	...	2	4
7	Southern C. & M. Co., No. 8	Belleville.....	2	2	1	3	2	1	185	...	30	15	15	...	...
8	Aluminum Ore Co.....	Belleville.....	2	10	...	1	1	1	64	21	4	4	4	...	6
9	Egyptian Coal & Mining Co.....	Marissa.....	3	13	1	3	1	1	130	13	4	2	6	...	2
10	Southern C. & M. Co., No. 7	Belleville.....	2	2	1	3	2	1	153	...	26	9	9	...	...
11	Mulberry Hill Coal Co., No. 1...	Freeburg.....	2	11	2	...	1	1	62	74	4	...	4	...	2
12	O. K. Coal Co.....	Marissa.....	1	8	1	1	1	1	...	104	4	...	...	...	2
13	Perry Coal Co., Superior.....	Belleville.....	2	7	1	...	2	1	60	15	2	10	10	3	2
14	B. B. Coal & Mining Co.....	Belleville.....	3	12	...	2	2	1	14	98	2	...	1	...	2
15	Quality Coal & Mining Co.....	Belleville.....	3	6	...	1	1	...	...	70	2	...	...	...	4
16	Perry Coal Co., Carbon.....	O'Fallon.....	1	9	1	1	1	1	91	...	4	...	14	...	1
17	Southern C. & M. Co., No. 6	Belleville.....	2	13	1	...	1	1	...	59	...	...	...	...	2
18	Star Coal & M. Co.....	Freeburg.....	2	9	...	1	1	1	16	75	2	2	7	2	8
19	Victoria Coal Co.....	Belleville.....	2	6	...	2	1	...	...	72	1	...	...	...	...
20	Groom Coal Co.....	Belleville.....	2	4	...	1	1	1	...	61	2	...	...	...	2
21	Perry Coal Co., Taylor.....	O'Fallon.....	1	9	1	...	1	1	...	130	4	...	...	...	2
22	Southern C. & M. Co., No. 1	Belleville.....	2	12	1	1	1	1	...	112	3	...	...	...	2
23	New Marissa Coal Co.....	Marissa.....	3	6	...	1	2	...	...	82	1	...	...	...	2
24	Kolb Coal Co., No. 1.....	Mascoutah.....	2	4	...	1	1	...	...	56	3	...	...	...	2
25	Golden Rule Coal Co.....	Lenzburg.....	3	6	...	1	1	...	...	63	1	...	...	...	2
26	New National Coal & M. Co.....	Belleville.....	2	7	...	1	1	...	...	68	...	...	1	6	2
27	Ell-Rich Mining Co.....	Belleville.....	2	6	...	1	1	...	...	60	1	...	...	...	2
28	Kolb Coal Co., No. 3.....	New Athens.....	1	3	1	...	1	1	...	69	2	...	...	...	1
29	Glendale Coal & Mining Co.....	Freeburg.....	1	9	1	...	1	1	...	54	...	...	...	...	6
30	Peoples Coal Co.....	Caseville.....	2	6	...	1	1	...	...	60	...	...	...	...	...
31	General C. & M. Co.....	Freeburg.....	2	5	...	1	1	...	...	49	...	...	...	...	2
32	Fallon Coal Mines Co.....	O'Fallon.....	2	6	...	1	1	9	...	66	...	4	1	...	...
33	Aloys-Gundlach Co.....	Edgemont Sta., E. St. Louis.....	...	3	...	1	1	...	...	33	...	1	3	...	...
34	Summit Coal & Mining Co.....	Belleville.....	2	3	...	1	1	...	...	52	...	...	...	...	2
35	Lou-Nash C. & M. Co.....	Rentchler.....	1	4	...	1	1	...	...	40	1	...	1	3	2
36	Perry Coal Co., Pittsburg.....	Belleville.....	1	3	...	1	1	...	...	32	...	...	...	...	2
37	Jones Bros. C. & M. Co., No. 1	Marissa.....	2	7	...	1	1	...	...	52	...	...	...	...	2

Continued

Underground											On surface															
Shot firers' runners	Spraggers	Stablemen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Hoisting	Other	Engi-neers	Firemen	Top foremen	Machinists and helpers	Superintendents	Stablemen—top	Watchmen	Weightmen	Office employees at mine	Others on surface	Total on surface	Total—all employees	Number	
2	6	1	6	12	12	64	486	4	2	5	4	1		4	1			1	1	2	1	4	28	58	544	1
	1	1	3	7	4	19	261	2	1	5	4			4	1			1	1	2	2	12	35	296	2	
		1	3	4	7	7	234	2		2	3			4	1			1		2	5	12	30	264	3	
2	7	3	12	23	23	90	981	8	3	12	11	1		12	3			3	1	3	5	9	52	123	1,104	
	4	1	10	8	4	23	367	3	2	2	3	3		3	1	3				1	2	17	40	407	1	
	4	1	6	8	3	11	262	2	1	1	3			2	1		3		1	2	2	10	26	288	2	
	2	1	5	6	2	4	188	1	1	1	3			2		1	1		1	2	2	9	24	212	3	
	3	1	5	10	6	4	250	2	1	1	1	2		2	1		1		1	1	1	12	25	275	4	
			2	5	2	5	151	2		1	3			1					1	1			9	160	5	
...	13	4	28	37	17	47	1,218	10	5	6	13	5		10	3	4	3		2	7	8	48	124	1,342		
	7	1	7	45	4	18	504	2	4	2	2			5	1	3	1			1	3	21	45	549	1	
	2	7	16	6	15	346	2	1	3	3	1			5	1	2	1			2		6	27	373	2	
	4	2	3	8	6	20	368	2	1	2	3			1	1					1		11	22	390	3	
	1	1	2	8			283	1			3	1					1	3	1			5	15	298	4	
	5	1					252	2		1	2			1	1				1	2	1	5	17	269	5	
	4		8	8	1	13	245	2	1	1	2			2	1				1	1	1	8	19	264	6	
		1					290	3	1	2	3			3	1					1	2	18	34	324	7	
	1		8			11	138	1		2					1			1	2			6	18	156	8	
	3		2	6		4	192	2	1	1	3			2	1	1	1	1	1	2	7	23	215	9		
	3		8	6	3	24	252	3	2	2	3			3	1					1	2	16	33	285	10	
	1						164	1			3					1				1	1	5	13	177	11	
	1	1	7	4	1	3	132	1	1	1	3			2	1		1	1	1		1	11	24	156	12	
		1	4				129	2		1	2			1						1	1	4	13	142	13	
					2		143	1		1	1					1		1		1		4	11	154	14	
			4				93	1		1	1								1	1		2	7	100	15	
	2	1		7			134	1		1	2			1	1					1		4	11	145	16	
	4	1	4		2	6	100	1		1	3									1	1	6	14	114	17	
							130	1		1	2			2	1			1		1	2	4	15	145	18	
							89	1		1	1								1	1		2	8	97	19	
							76			1	1	1		1			1	1	1			3	10	86	20	
	2	1	2	5	1	5	165	1		1	2			1	1		1	1				5	13	178	21	
	2	1	4	4	1	10	157	1		2	3				1	1		1		1	1	9	19	176	22	
			3				102	1			2				1		1	1	1	1			8	110	23	
					3		74	1			2				1				1	1		4	11	85	24	
							79	1			2				1	1			1	1		3	10	80	25	
		1		5			92	1			1				1		1	1	1			3	9	101	26	
			3		2		80	1			1				1		1			1		3	9	80	27	
			1			4	86	1			1	2							1	1		2	8	94	28	
							76	1			2				1			1		1		2	8	84	29	
							74	1			2				1			1		1		3	8	82	30	
							64	1			1				1			1		1	1	2	8	72	31	
			3		2		97	1			2				1				1	1	1	1	9	106	32	
				3			45	1			1								1		1		4	49	33	
					2		64	1			1				1					1		2	6	70	34	
					1		57	1			1	1			1	1				1			6	63	35	
					1		44	1			1						1		1	1		2	8	52	36	
					2		76	1			2				1			1		1		3	9	85	37	

TABLE 11—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
38	Suburban Coal Co.	Belleville	2	10			2	1		58					2
39	Columbia Col. Co., Columbia	Belleville	2	10		1	1			112	2				
40	Perry Coal Co., S. B.	Belleville	1	3			1			30					2
41	Guest Coal Co.	Belleville	2	16	1	1	1			52				1	2
42	Premier Coal Co.	Lebanon	1	3			1			33					2
43	Columbia Collieries Co., N. L.	Lenzburg	2	6		1				44	2				
44	Liberty Coal Co.	Rentchler	2	6	1		1		36			6	6	1	
45	Abend Coal Co.	Belleville	1	4			1			15	1				2
46	Columbia Collieries Co., N. F.	Freeburg	1	5			1		24						
47	Missouri-Illinois Coal Co.	Belleville	1	7			1			46				1	2
Total			97	395	23	28	53	57	1,345	3,069	151	87	120	17	95
JACKSON COUNTY—NINTH DISTRICT															
1	Union Coal. Co., Kath.	Dowell	2			12	4	6	277		50	21	21	2	4
2	Jackson Coal Co.	Hallidayboro.	5	23	2	2	2	1	74	175	8	4	4	2	4
3	Consolidated Coal Co., No. 10	Murphysboro	2	7	1	4	1	1	58		3		8	3	
4	Consolidated Coal Co., No. 9	Murphysboro	2	19	1	3	2	1	101		6		14	7	
5	Western U. Gas C. Co., No. 2	Murphysboro	2	6	1	2	1	1	48	2	3	3	3	2	
6	Gartside Coal Co., No. 4	Murphysboro	2	9				1	36	8			14	3	
7	Midway Coal Mining Co.	DeSoto	2	6			1	1		75	2			3	2
8	Jackson Peacock Coal Co.	DeSoto	1	2			1	1						2	2
9	Doran Coal Co.	Herrin						1		6					
Total			18	72	5	24	13	14	594	266	72	28	64	24	12
PERRY COUNTY—NINTH DISTRICT															
1	Equitable Coal & C. Co., Maj.	Duquoin	2	17	3	6	2	2	251	77	16	18	18	1	4
2	Paradise Coal Co.	Duquoin	4	30	2	2	2	1	190	110	20	15	15	2	4
3	Security Coal & Mining Co.	Duquoin	4		2	7	2	1	198		40	15	15	5	
4	Southern Gem Coal Corp., No. 5	Pinckneyville	3	14	1	1	1	1		222	4				2
5	Jewell Coal & Mining Co., No. 1	Duquoin	4	17	1	1	1	2	54	70	2	3	3	3	2
6	Willis Coal & Mining Co., No. 8	Willisville	2	14		2	1	1	140		4	12	12	3	
7	Willis Coal & Mining Co., No. 1	Willisville	1	9		2	1	1	84		4	7	7	3	
8	Southern Gem Coal Corp., No. 7	Cutler	2					1		72				1	2
9	Scott-Smith Coal Co.	Duquoin													
10	Victory Col. Co., No. 1	Tamara	1	6		1	1	1	20	55	2	5	5		2
11	Southern Gem Coal Corp., No. 10	Cutler	3	12	1			1	8	94		2	2	1	2
12	Columbia Col. Co., B. E.	Craig	1	10	1			1	115						2
13	Jewell Coal Co., No. 2	Duquoin	2	9		1	1	1	75			4	4	2	2
14	Victory Coal Mining Co., Vic.	Duquoin	2	8		1	1	1	50			3	3	1	2
15	Bailey Bros. Coal Co., No. 1	Duquoin	2	3	1			1	18	17	1	2	2	1	3
16	Tamara L. M. Mining Co.	Tamara	3	7				1		55					2
17	Wilson Coal Co.	Cutler		1				1		8					
Total			36	157	12	24	18	18	1,203	780	93	86	86	23	29
RANDOLPH COUNTY—NINTH DISTRICT															
1	Moffat Coal Co., No. 1	Sparta	2	25	1	3	2	1	50		8	15	15	1	
2	Willis Coal & Mining Co., No. 6	Percy	2	19	1	4	1	1	196		8	14	14	2	
3	Madison Coal Corp., Crystal	Tilden	3	25	1	4	2	5	236		4	13	13	1	4
4	Illinois Fuel Co., No. 4	Sparta	2	17	1	3	1	2	126		2	9	9	2	
5	Perry Coal Co., Perry	Coulterville	2	15		2	1	1	132	75	4	8	8		2
6	St. Louis Coal Co.	Coulterville	1	10	1			1		150	2				2
7	Jones Bros. Coal & M. Co., No. 2	Tilden	2	8				1		118	2				2

Continued

Underground											On surface														
Shot firers' runners	Spraggers	Stabblers	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engi- neers	Hoisting	Other	Firemen	Top foremen	Machinists and helpers	Superintendents	Stabblers—top	Watchmen	Weightmen	Office employees at mine	Others on surface	Total on surface	Total—all employees	Number
...	...	1	...	4	80	1	3	2	1	1	...	4	12	92 38	
...	6	1	...	136	1	...	1	1	1	...	1	1	...	1	1	...	3	11	147 39	
...	2	1	40	1	1	1	5	45 40		
...	1	2	...	1	85	1	1	1	1	...	1	3	10	95 41	
...	4	45	1	1	1	1	1	6	51 42	
...	2	...	1	59	1	...	1	1	1	1	1	...	2	7	66 43	
...	...	1	...	2	...	1	64	2	1	1	...	1	1	...	1	1	...	2	9	73 44	
...	1	...	1	27	1	1	1	1	1	...	1	1	1	2	7	34 45	
...	2	...	3	33	1	1	1	1	...	1	4	37 46		
...	2	64	1	...	1	2	1	...	1	1	1	1	...	2	10	74 47		
2	38	17	77	234	40	180	6,125	57	12	31	85	8	55	19	6	28	4	14	48	34	212	613	6,738		
...	5	10	48	13	9	...	484	3	1	3	4	1	1	1	3	1	1	1	2	5	35	61	545 1		
...	3	4	10	8	6	...	337	2	1	1	3	1	3	1	2	1	1	1	2	2	22	42	379 2		
...	1	6	4	1	3	...	103	1	...	...	3	...	...	3	...	1	1	1	1	10	20	123 3
...	4	21	12	7	6	...	206	2	1	1	3	1	4	1	1	1	2	1	1	15	34	240 4			
...	1	1	1	...	4	...	81	1	...	1	2	...	...	1	...	...	1	1	1	1	10	91 5
...	...	5	...	2	2	...	83	2	...	...	2	...	3	...	...	1	2	2	...	5	17	100 6
...	1	1	4	...	...	...	98	1	...	1	2	1	2	...	...	1	1	1	1	4	15	113 7
...	...	2	2	...	...	...	14	1	...	...	1	...	...	...	...	1	...	...	...	3	17 8	
...	...	...	...	...	...	...	7	...	...	...	1	...	...	...	...	...	...	...	...	1	2	9 9
...	12	3	50	81	31	30	1,413	13	3	7	21	4	16	4	6	6	9	3	10	9	93	204	1,617		
...	2	1	2	20	...	10	452	4	1	3	4	...	5	1	2	2	...	1	1	1	25	50	502 1		
1	4	2	10	30	10	8	462	2	2	1	3	1	5	1	2	1	1	2	1	1	30	53	515 2		
...	3	...	9	19	6	44	370	3	3	5	4	...	9	1	1	1	1	1	1	3	15	48	418 3		
...	1	2	8	3	12	...	275	1	...	...	3	...	2	...	...	1	...	...	1	8	17	292 4
...	1	4	4	2	8	...	182	1	...	1	1	2	1	1	1	1	1	1	1	16	28	210 5			
...	1	2	12	1	9	...	216	2	...	1	3	...	1	1	1	1	1	1	1	5	15	231 6			
...	1	1	3	9	...	9	142	4	...	2	3	...	6	1	5	1	...	2	...	7	31	173 7			
...	...	1	1	3	...	2	85	1	1	...	3	...	3	...	1	1	1	1	1	1	4	15	100 8		
...	1	6	8	...	1	3	118	2	...	1	3	...	2	1	1	1	1	1	1	29	40	40 9			
...	1	1	8	1	...	3	138	1	...	...	1	2	3	1	1	1	1	1	1	5	17	135 10	
...	2	1	4	...	3	...	141	1	...	...	3	...	1	...	1	1	...	1	1	10	23	161 11	
...	1	2	4	1	3	...	112	1	1	1	1	2	1	1	1	1	1	1	1	6	14	155 12			
...	...	1	1	4	1	...	78	1	...	1	1	1	1	1	1	1	1	1	1	6	18	130 13			
...	1	1	1	...	1	...	55	1	...	...	1	...	1	1	...	1	...	...	...	10	88 14	
...	1	1	4	4	1	...	80	2	1	...	1	1	...	1	1	1	2	1	3	10	65 15		
...	...	...	...	...	...	...	10	...	...	...	2	...	...	1	1	...	...	...	1	4	10	90 16
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2	13	157 17
1	18	6	49	138	27	112	2,916	25	10	16	40	8	41	12	14	14	9	6	18	15	173	401	3,317		
...	2	2	15	2	25	...	269	2	...	2	3	...	2	1	2	1	...	2	...	5	20	289 1			
...	1	1	4	5	6	...	293	3	4	2	3	1	4	1	1	1	1	1	1	22	45	338 2			
...	2	1	10	18	2	42	386	3	1	1	3	...	4	1	1	...	1	1	1	9	29	415 3			
...	3	1	3	10	3	9	203	2	...	2	2	...	3	1	1	1	1	1	1	8	21	224 4			
...	2	8	8	2	12	...	282	2	...	1	1	2	1	1	1	1	1	1	1	8	20	302 5			
...	2	1	3	5	1	1	181	1	1	1	2	1	1	1	...	1	1	2	1	12	23	204 6			
...	1	...	4	1	4	...	144	1	...	1	2	...	1	...	...	1	1	1	1	3	13	157 7	

TABLE 11—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
8	Randolph County M. Co.	Coulterville	1	6			1	1		70	2			1	2
9	Willis Coal & Mining Co., No. 9	Percy	2	2		1	1	1	48		4	3	3	1	
10	Willis Coal & Mining Co., No. 7	Sparta	1	2			1	1	84		2			1	
Total			18	129	5	17	12	15	972	413	38	62	62	9	12
WASHINGTON COUNTY—NINTH DISTRICT															
1	Centralia Coal Co., No. 5	Centralia	12			16	3	8	162	243	60	13	13	2	8
2	Nashville Mining Co.	Nashville	1	4			1	1	44		1	2	2		
3	Kuhn Coalery Co.	DuBois	2	5			1	1		40					
Total			15	9		16	5	10	206	283	61	15	15	2	8
FRANKLIN COUNTY—TENTH DISTRICT															
1	Chicago, Wilm. & F. C. Co., "I"	Orient	4		3	18	6	7	525	30	70	50	50	3	8
2	Bell & Zoller C. M. Co., No. 1	Zeigler	2			21	8	11	565	72	84	34	34	1	8
3	Western Coal & M. Co., No. 2	Bush	3			7	3	6	232	263	43	15	15	13	4
4	Bell & Zoller C. M. Co., No. 2	Zeigler	2			12	4	6	322		41	21	21	1	4
5	Franklin Coal & Coke Co., No. 1	Royalton	2	10	1	6	5	1	370		26	28	28	1	4
6	Old Ben Coal Corp., No. 11	Christopher	3			10	8	10	308	60	39	30	30	2	6
7	Old Ben Coal Corp., No. 8	W. Frankfort	2	1		15	7	6	425		44	42	42	2	7
8	Old Ben Coal Corp., No. 9	W. Frankfort	2			14	6	6	493		38	37	37	2	8
9	Southern Gem Coal Corp., No. 1	W. Frankfort	2	22	4	8	3	1	300		22	30	30	1	6
10	Franklin Co. Mining Co.	Benton	4	18	1	4	2	1	285		14	18	18	1	3
11	United States Fuel Co.	Benton	2	22		8	6	1	303		20	21	21	5	4
12	Valier Coal Co., No. 1	Valier	1		2	12	6	1	270		44	35	35	1	8
13	Old Ben Coal Corp., No. 14	Buckner	2			6	4	8	310	20	36	25	25	2	6
14	Southern Gem Coal Corp., No. 2	Sesser	2		1	9	4	1	296		36	18	18	2	4
15	Taylor Coal Co., No. 5	Herrin	2	20	1	1	2	2	120	140	3	1		1	4
16	Old Ben Coal Corp., No. 10	Christopher	2			5	5	6	180	80	34	18	18	1	4
17	Benton Coal Mining Co., No. 1	Benton	3	10	2	4	6	4	255	10	11	23	23	3	4
18	Black Star Coal Co.	Logan	2	18		4	2	1	254		8	20	20	1	4
19	Old Ben Coal Corp., No. 16	Sesser	2	2	2	6	5	4	225	4	40	25	25	3	4
20	By-Products C.&C. Corp., No. 18	W. Frankfort	1			5	3	1	180		20	12	12	2	4
21	Old Ben Coal Corp., No. 12	Christopher	2			10	5	8	280	10	30	18	18	1	6
22	Benton Coal Mining Co., No. 2	Benton	2	20	1	4	3	5	135		4	24	24	1	4
23	Old Ben Coal Corp., No. 15	Ezra	2	1		4	2	3	200		20	22	22	1	3
24	Old Ben Coal Corp., No. 19	Rend	4	15	1	7	2	1	138		8	11	14	1	4
25	By-Products C.&C. Corp., No. 19	W. Frankfort	2	23		4	4	4	190		6	12	12	1	4
Total			57	182	19	204	111	105	7,161	689	741	590	592	53	125
			†111 ‡105												
GALLATIN COUNTY—ELEVENTH DISTRICT															
1	Hickory Hill Coal Co.	Equality		14	1	2	1	1	90		4	6	6	2	
SALINE COUNTY—ELEVENTH DISTRICT															
1	Harrisburg Colliery Co., Harco.	Harco	2			4	6	1	375		30		42	3	2
2	Big Creek Coals Co., No. 3	Harrisburg	3	4	1	6	3	1	341		40	15	15	8	4
3	Wasson Coal Co., No. 1	Harrisburg	2	35	4	6	3	2	252	12	16	12	12	2	4
4	Southern Cos. Coal Co., No. 20	Eldorado	2	23		6	3	1	250		3	9	9		4
5	O'Gara Coal Co., No. 1	Harrisburg	2	30	1	4	2	7	290		9	5	40	3	4

Continued

Underground											On surface														
Shot firers' runners	Spraggers	Stablenmen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Hoisting	Other	Engi- neers	Firemen	Top foremen	Machinists and helpers	Superintendents	Stablenmen—top	Watchmen	Weightmen	Office employees at mine	Others on surface	Total on surface	Total—all employees	Numbr
...	1			3		3	91	1			2			1				1		1		5	12	103	8
...	1			4		11	82	1			1			1			1		1	1		4	9	91	9
...							92				3			1				1		1			5	97	10
...	15	6	28	81	16	113	2,023	16	6	10	22	4	19	5	4	7	4	4	2	12	10	76	197	2,220	
2			16	36	14	60	668	4	3	3	4			8	1	2	1		1	1	4	18	50	718	1
2				2	1		59	1		1	1			1	1		1	1	1	1			8	67	2
							51	1			2						1		1			1	7	58	3
4			16	38	15	60	778	6	3	4	7			10	2	2	3		2	3	4	19	65	843	
...	8	17	56	25	20	900	2	2	8	4	6			3	10	3	2	1	3	2	12	150	208	1,108	1
...	4	14	54	20	50	982	4	5	4	3	2			3	1	5	1	1	2	1	12	102	146	1,128	2
...	1	16	28	8	42	699	4	2	7	1	3			7	1	4	1		2	4	31	67	766	3	
...	2	12	32	6	90	576	3	3	4	1	4			3	1	7	1	1	1	3	66	99	675	4	
...	2	4	26	7	18	539	2	2	5	4				5	1	4	1	1	1	2	5	60	93	632	5
...	2	12	52	10	51	633	2	2	8	4	3			4	1	6	2		3	2	6	63	106	739	6
...	2	10	34	17	100	756	2	2	4	2	2			10	1	2	1	2	2	11	60	102	858	7	
...	2	19	33	14	97	808	4	5	9	4				6	1	1		2	1	7	79	119	927	8	
...	1	12	6	30	6	484	1	2	7	2	2			8	1	4	1	2	2	10	20	63	547	9	
...	3	14	8	4	4	402	4	2	2	3	1			4	1	2	1	1	2	2	29	55	457	10	
...	2	8	57	34	8	667	4	4		3	1			3	2	1	1	2	1	5	45	73	740	11	
...	4	30	40	28	9	526	3	3	2	2	3			3	1	4	1	1	1	8	39	71	597	12	
...	4	16	30	6		500	3	3	1	4				5	1	4		1	1	6	75	105	605	13	
...	4	8	20	15	43	481	2	2	4	3				8	1	4	1	1	1	3	28	58	539	14	
...	3	2	10	11	14	337	1	1	1	3				4	1	1	1	1	1	1	25	42	379	15	
...	2	10	25	6	4	400	2	2	6	4	2			5	1	4		2	1	4	45	78	478	16	
...	4	1	10	19	4	402	1	1	3	3	1			7	1	1	1	1	1	6	20	47	449	17	
...	3	12	20	3	10	382	2	1	1	4				6	1	1	1	1	1	4	17	40	422	18	
...	3	18	24	9	40	441	3	2	1	4				5	1	4	1	1	1	5	36	65	506	19	
...	2	8	13	6		269	2	2		3	1			4	1	2	1	1	2	4	26	50	319	20	
...	3	8	36	14	45	494	3	2	4	2	2			2	1	2	1		2	12	41	80	574	21	
...	8	1	12	16	12	283	2	1	2	3				5	2	1	1	1	1	5	28	52	335	22	
...	1	6	12	6	13	318	2	2	6	2	2			3	1	2	1	2	2	2	40	67	385	23	
...	2	12	19	10	26	275	1	1	3	3	1			6	1		1	1	2	5	31	56	331	24	
...	3	10	13	13		301	1	1	2	3				3	1	2	1	1	1	3	19	43	344	25	
6	89	2,343	684	263	839	12,855	60	55	94	74	36	127	36	69	23	19	35	35	147	1,175	1,985	14,840			
...	2		2	10	3	159	2		1	1				3	1		1	1	1		8	20	179	1	
...	4	10	5		95	579	2		2	3				6	1	2	1		1	1	2	25	46	625	1
...	5	1	7	31	4	545	3	3	4	3				3	2	4	1		1	2	20	46	591	2	
...	4	10	1	8	20	428	2	1	2	3				3	1	1	1	1	1	1	20	36	464	3	
...	7	1	8	8	3	351	3	3	2	3				4	1	1	1		2	3	14	37	388	4	
...	2	4	3	17	4	430	2	1	2	3				2	1	1	1	1	1	1	38	55	485	5	

TABLE 11—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
6	Big Creek Coals Co., No. 2	Lidford	3	24	2	3	2	1	254		10	11	11	5	
7	O'Gara Coal Co., No. 10	Eldorado	2	24	1	3	2	5	186		7	3	15	1	4
8	J. K. Dering Coal Co., No. 2	Eldorado	1	1		3	2	1	225		20	12	12	1	4
9	O'Gara Coal Co., No. 3	Harrisburg	2	30	1	5	2	5	259		8	5	25	2	
10	O'Gara Coal Co., No. 8	Eldorado	2	22	1	4	2	5	143		6	5	12	1	3
11	Harrisburg Coal Co., B. B.	Harrisburg	2	14	1	2	1	1	65		4	4	4	3	2
12	O'Gara Coal Co., No. 11	Eldorado	2	22	1	3	2	4	170		6	3	22	2	2
13	O'Gara Coal Co., No. 15	Harrisburg	2	21	1	3	2	4	213		8	2	25	5	
14	O'Gara Coal Co., No. 12	Harrisburg	2	20	1	4	2	4	129		6	3	14	3	
15	Saline Gas Coal Co., No. 1	Harrisburg	2	5		1	1			70				1	2
16	Wasson Coal Co., No. 2	Harrisburg	1			3	1	1	130		18	7	7	3	
17	Heato Coal Co., No. 1	Carrier Mills	1	3				1	30						1
18	Dodds Coal Co., No. 1	Carrier Mills	1	4		1	1		39	2		2	2	2	1
Total			34	281	15	59	37	46	3,351	84	191	96	267	45	37
WHITE COUNTY—ELEVENTH DISTRICT															
1	White County Mining, M. C. 1	Norris City	1	22	1	1	1	2	95			6	6	1	
WILLIAMSON COUNTY—TWELFTH DISTRICT															
1	Madison Coal Corp., No. 9	Dewmaine	5	6	1	4	3	8	186	179	24	13	13	6	6
2	Peabody Coal Co., No. 3	Marion	1	34		8	3	1	300	65	10	21	21	8	6
3	Consolidated Coal Co., No. 7	Herrin	3	18		3	2	1		373	14			3	6
4	C. W. & F. Mining Co., "A"	Herrin	3	24	1	9	3	6	210	13	15	19	19	4	6
5	Big Muddy Coal Co., No. 26	Marion	2	20		6	1	1	227		6	19	19	5	4
6	Pratt Brothers Coal Co., Jeff	Herrin	2	25	1	1	2	4		308	10	1	1	6	4
7	Freeman Coal Mining Co.	Herrin	6	20	1	2	2	3	138	64	4	8	8	1	4
8	Consolidated Coal Co., No. 8	Clifford	2	18		2	2	1	57	300	14			8	6
9	West Virginia Coal Co., No. 1	Marion	4	16	1	3	2	3	220	10	6	12	12	3	2
10	Ernest Coal Co., No. 1	Johnston City	1	12	1	5	2	1	156	28	14	8	8	2	4
11	Madison Coal Corp., No. 8	Dewmaine	4	4	1	3	2	6	8	183	20			2	4
12	Consolidated Coal Co., L. C.	Johnston City	1		3	2	2	1	85	200	24	5	5	2	4
13	Searles Coal Co.	Johnston City	3	12	2	4	3	1	190	20	12	16	16	2	4
14	Federal Coal Co., No. 25	Carterville	2	18		1	1	1		218	4			3	4
15	Old Ben Coal Corp., No. 18	Johnston City	5		2	8	2	4	280	5	28	32	32	1	4
16	St. Louis Coal & Iron Co.	Johnston City	4	19	2	1	6	3	74	86	6	6	6	4	4
17	Scranton Coal Mining Co.	Marion	3	22	2	2	2	1		207	4			2	4
18	Henderson-Wallace Coal Co.	Marion	2	10	1	2	1	1	83	61	4	8	8	4	2
19	Madison Coal Corp., No. 12	Cambria	2			2	1	4	110		5		5	5	
20	Taylor Coal Co., No. 2	Herrin	2	17	1	1	2	2		170	2			3	2
21	Slago Coal Corp.	Marion	1	15		2	1	2	51	117	2	6	6	2	2
22	Johnston City Washed Coal Co.	Whiteash	3	20		3	2	4	85	135	6	4	4	5	4
23	Sanford Coal Co., No. 3	Marion	2			4	1	1	160					2	2
24	Chicago Big Muddy C. & M. Co.	Marion	2	9	1	2	1	1	102		4	7	7	3	2
25	Old Ben Coal Corp., No. 20	Herrin	2	12	1	5	2	1	185		16	15	15	4	4
26	Cameron Coal Co.	Marion	2	19	1		1	1		105				2	2
27	Old Ben Coal Corp., No. 17	Johnston City	4	11	1	4	3	5	197		18	11	11	3	4
28	Sunnyside Mining Co.	Herrin	1	19	1		2	1	6	220	10			3	5
29	Orchard Coal Co.	Marion	2	15	2	1	1	1	85	60		8	8	2	2
30	Sincerity Coal Co.	Marion	2	15	1	2	1	1	43	140	4	4	3	5	2
31	Binkley Coal Co., No. 1	Marion	1	16	1	1	1	1		120				3	2
32	Taylor Coal Co., No. 3	Herrin	2	24	1		1	1		130				2	2
33	Hoper Washed Coal Co.	Carterville	1	13	2	1	1	1		125	2			2	2
34	Ernest Coal Co., No. 2	Pittsburg	2	7	1	2	2	1	72		8	14	14	2	2
35	Southern Illinois Coal Co.	Marion													
36	Carterville & Big Muddy C. Co.	Herrin	3	14	1	2	1	1	60	80	4	3	4	6	2
37	Taylor Coal Co., No. 1	Herrin	2	12	1	1	1	1		125	2			3	2

Continued

Underground										On surface															
Shot firers' runners	Spraggers	Stablemen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engineers	Hoisting	Other	Firemen	Top foremen	Machinists and helpers	Superintendents	Stablemen—top	Watchmen	Weightmen	Office employees at mine	Others on surface	Total on surface	Total—all employees	Number
2	2	2	3	3	3	71	410	3	2	3	3	3	1	2	1	2	1	1	1	1	1	17	36	446	6
2	4	2	3	15	4	3	286	2	1	3	3	1	2	2	1	4	1	1	1	1	2	17	36	322	7
2	4	2	7	12	5	43	349	3	1	2	2	1	4	1	4	1	1	1	1	2	5	15	39	388	8
2	4	2	4	14	3	3	236	2	1	2	3	1	1	1	1	1	1	1	1	1	1	21	37	273	9
2	4	2	3	15	4	5	380	2	1	4	3	1	1	1	1	1	1	1	1	1	1	11	31	411	10
2	3	2	2	5	1	4	114	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	24	138	11
2	3	2	3	14	4	4	271	2	1	2	3	1	1	1	1	1	1	1	1	1	1	8	24	295	12
5	2	3	17	2	2	5	320	2	1	2	3	1	1	2	1	1	1	1	1	1	1	20	37	357	13
4	2	4	17	4	4	5	224	2	1	1	3	1	1	2	1	1	1	1	1	1	1	10	22	246	14
3	1	1	1	2	2	12	85	1	1	1	1	1	1	3	1	1	1	1	1	1	1	11	11	96	15
3	3	11	2	2	2	12	202	1	1	1	1	1	3	1	1	1	1	1	1	1	1	11	23	225	16
2	2	1	1	1	1	1	36	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	41	17	
2	2	1	1	1	1	1	60	1	1	1	1	1	1	1	1	1	1	1	1	1	2	10	70	18	
15	63	17	74	208	53	333	5,306	35	19	32	45	10	42	17	18	16	4	12	19	23	263	555	5,861		
...	2	...	1	6	4	18	167	2	2	1	1	1	1	...	1	2	1	1	2	7	21	188	1
...	2	1	24	23	2	18	524	4	...	10	4	...	7	1	2	1	1	1	1	1	8	20	59	583	1
...	1	2	9	18	6	6	520	2	2	1	3	...	4	...	2	1	1	2	2	5	29	52	572	2	
3	2	2	13	6	22	...	469	2	1	4	3	2	3	1	2	1	2	2	2	7	4	35	504	3	
2	2	3	17	8	15	...	379	3	3	2	3	1	4	2	2	1	2	2	2	2	32	59	438	4	
2	1	8	12	7	32	...	372	1	1	1	3	...	3	1	1	1	1	1	1	4	14	32	404	5	
4	9	17	2	43	...	...	440	1	...	7	3	...	4	1	1	1	1	1	1	4	14	37	477	6
1	1	2	4	13	4	11	297	4	1	4	3	1	1	1	1	1	2	1	2	3	26	53	350	7	
3	3	10	16	9	22	...	473	2	1	4	3	...	3	1	2	1	2	1	2	2	41	65	538	8	
4	1	1	2	2	3	...	303	2	1	2	3	...	3	1	1	1	1	1	1	2	17	320	9		
4	1	1	6	10	...	17	281	1	2	2	3	...	2	1	1	1	1	1	1	2	12	29	310	10	
2	1	14	11	2	14	...	283	1	...	3	3	...	5	1	1	1	1	1	1	6	16	39	322	11	
2	1	9	12	3	10	...	371	2	1	3	3	...	3	1	2	1	1	1	1	2	20	40	411	12	
2	5	2	8	8	6	20	336	1	1	1	4	...	4	1	2	1	1	1	1	4	24	45	381	13	
2	1	4	9	4	...	...	272	1	...	2	3	...	1	1	1	1	1	1	1	3	9	23	295	14
...	10	20	5	15	...	...	453	3	3	3	3	2	4	1	8	1	1	1	2	3	29	64	517	15
...	1	7	9	6	16	...	260	2	...	3	...	...	3	1	1	1	1	1	1	4	33	50	310	16
...	4	4	6	6	1	...	270	1	2	2	2	1	3	1	2	1	1	1	1	3	10	30	300	17	
...	4	4	6	5	...	...	204	1	...	3	...	...	1	1	1	1	1	1	1	1	6	18	222	18
...	10	12	...	15	...	...	173	1	2	10	3	...	3	1	5	1	1	1	1	3	20	51	224	19
...	3	4	9	2	20	...	240	1	1	1	3	...	4	1	4	1	1	1	1	7	18	44	284	20	
...	2	8	6	3	12	...	238	2	1	1	3	...	1	1	1	1	1	1	1	2	20	35	273	21	
...	3	1	3	8	10	...	300	2	2	3	3	...	4	1	3	1	1	1	1	3	12	36	336	22	
...	1	4	12	2	19	...	210	2	1	1	3	...	4	1	1	1	1	1	1	1	11	28	238	23	
...	2	1	3	7	1	1	156	1	1	2	3	...	1	1	1	1	1	1	1	2	16	31	187	24	
...	5	9	11	4	15	...	306	4	2	4	3	...	5	1	2	1	1	2	2	3	26	54	360	25	
...	1	12	8	6	1	...	162	1	1	1	3	...	1	1	1	1	1	1	1	2	5	19	181	26	
...	2	2	7	13	4	18	318	4	...	3	3	...	4	1	3	1	1	1	1	4	17	42	360	27	
...	10	12	11	10	...	...	315	2	1	2	3	1	6	1	2	1	1	1	1	3	17	42	357	28
...	2	1	2	2	...	...	194	1	1	...	2	1	2	1	1	1	1	1	1	1	5	18	212	29
...	2	1	4	6	2	...	238	1	1	2	3	...	1	1	1	1	1	1	2	3	10	27	265	30	
...	2	1	2	11	2	1	165	1	...	1	1	...	...	1	1	1	1	1	1	1	5	14	179	31
...	1	1	2	4	2	...	173	1	1	1	3	...	2	1	1	1	1	1	1	1	14	27	200	32	
...	2	4	4	1	1	...	162	1	...	1	3	...	1	1	1	1	1	1	1	2	8	21	183	33	
...	2	3	6	5	4	8	155	2	1	1	3	...	1	1	2	1	1	1	1	1	4	20	175	34	
...	4	...	8	8	6	10	217	2	2	3	3	2	5	1	2	1	1	1	1	1	1	30	48	48	35
...	2	5	8	...	5	...	170	1	1	1	3	...	3	1	1	1	1	1	1	1	15	31	248	36	
...	30	200	37

TABLE 11—

Number	Name of operator	Post office of mine	Underground											
			Cagers	Drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
38	C. W. & F. Mining Co., "B".....	Herrin.....	3	21	1	2	2	4	50	137	3	16	16	3
39	Sunrise Coal Co.....	Cambria.....		5		1			45					2
40	New Prosperity Coal Co.....	Herrin.....		2			1		18					2
41	Coal Belt Coal Co.....	Marion.....												
42	Hampton Coal Co., No. 1.....	Cartersville.....		1		1			8					
43	Duncan Coal Co.....	Herrin.....			1	1		6		1			2	
44	Leah Coal Co.....	Cambria.....	1	3		1	1		17				1	2
45	Watson Coal Co., No. 2.....	Herrin.....	1	3		1	1		32				2	
46	Cartersville Black Diamond C. Co.	Herrin.....		1		1			8					2
47	Herrin & Big Muddy Coal Co.....	Herrin.....				1		2						
48	Cartersville Fuel Co.....	Herrin.....												
49	Vulcan Coal Co.....	Marion.....		1		1			8					
50	Watson Coal Co., No. 3.....	Herrin.....				1			3					
Total.....			94	545	36	112	72	91	3,446	4,107	306	256	266	135

TABLE 12—SUMMARY OF CLASSIFICATION

District	Underground														
	Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers	Shot firers' runners	Timbermen
First.....	39	291	16	9	21	26	527	2,565	21	91	65	12	8	30	17
Second.....	31	220	14	18	25	29	1,236	873	70	95	88	17	30	11	5
Third.....	25	138	8	21	16	26	821	711	51	64	67	12	28	10	3
Fourth.....	63	452	36	33	51	44	636	5,702	193	53	53	9	105	5	37
Fifth.....	49	301	16	72	46	48	2,460	2,303	195	154	158	20	30	4	17
Sixth.....	69	328	10	143	59	67	5,511	391	416	421	441	7	20	19	61
Seventh.....	51	242	13	45	34	50	2,501	760	166	219	231	6	27	6	28
Eighth.....	109	468	27	40	62	63	1,931	3,303	186	137	170	18	95	2	51
Ninth.....	87	367	22	81	48	57	2,975	1,742	264	191	227	58	61	5	45
Tenth.....	57	182	19	204	111	105	7,161	689	741	590	592	53	125	6	89
Eleventh.....	35	317	17	62	39	49	3,536	84	195	108	279	48	37	15	67
Twelfth.....	94	545	36	112	72	91	3,446	4,107	306	256	266	155	134	22	70
The State	709	3,851	234	840	584	655	32,741	23,230	2,804	2,307	2,637	395	700	82	566

Concluded

Underground											On surface													
Shot firers' runners	Spraggers	Stablemen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Hoisting	Other	Firemen	Top foremen	Machinists and helpers	Superintendents	Stablemen—top	Watchmen	Weightmen	Office employees at mine	Others on surface	Total on surface	Total—all employees	Number
...	3	1	11	20	3	28	328	1	1	...	3	1	3	2	1	1	1	1	2	1	32	49	377	38
			1	2			56	1			1				1	1	1			1	2	8	64	39
				1			25														1	3	28	40
							10				1	2	2	1		1	1	1		1	11	20	20	41
							14				3		3	1							1	2	12	42
							27				1					1	1	1				3	26	43
				1			43	1			1					1	1	1			1	6	30	44
				2			13				1					1					1	3	16	46
						1	4				1											1	5	47
							10				1	2	1	1		1	1	1			9	17	17	48
							4				1					1						1	11	49
											1											2	6	50
22	70	24	253	393	134	437	10,933	68	40	89	125	16	121	41	63	44	33	31	48	113	660	1,492	12,425	

OF MINE EMPLOYEES BY DISTRICTS

On surface											On surface											District	
Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Hoisting	Other	Firemen	Top foremen	Machinists and helpers	Superintendents	Stablemen—top	Watchmen	Weightmen	Office employees at mine	Others on surface	Total on surface	Total—All employees					
61	268	4,099	24	9	20	47	12	36	17	17	12	6	8	23	21	221	473	4,572					First
38	89	3,009	26	5	12	29	10	17	16	8	13	8	5	22	26	119	316	3,325					Second
20	62	2,205	22	3	4	28	10	10	9	3	13	3	5	16	16	58	199	2,404					Third
86	343	8,442	45	15	36	82	12	42	24	15	28	9	19	40	72	272	711	9,153					Fourth
90	650	7,066	41	26	17	77	17	58	24	8	30	6	12	34	52	579	981	8,047					Fifth
99	1,112	10,034	66	38	53	68	17	89	23	23	12	12	13	34	42	377	869	10,903					Sixth
74	342	5,162	43	19	33	53	3	51	14	12	15	3	10	24	38	227	545	5,707					Seventh
57	227	7,343	67	17	37	98	13	65	22	10	31	4	16	55	42	260	737	8,080					Eighth
89	315	7,130	60	22	37	90	16	86	23	26	30	22	13	43	38	361	867	7,997					Ninth
263	839	12,855	60	55	94	74	36	127	36	69	23	19	35	35	147	1,175	1,985	14,840					Tenth
60	366	5,632	39	19	33	48	11	46	19	18	18	7	14	21	25	298	596	6,228					Eleventh
134	437	10,933	68	40	89	125	16	121	41	63	44	33	31	48	113	660	1,492	12,425					Twelfth
1,071	5,052	83,910	561	267	465	819	173	748	268	274	269	132	181	395	632	4,587	9,771	93,681					The State

TABLE 13—COMMERCIAL CLASSIFICATION OF

Number	Name of operator	Postoffice address of the mines	Classification of out				
			Lump	Furnace	Small egg	Stove	Chestnut
BUREAU COUNTY—FIRST DISTRICT							
1	Springvalley Coal Co., No. 3.....	Springvalley..	42,075	63,113			
2	Illinois Third Vein Coal Co., No. 1.	Ladd.....	31,402	34,288			
3	Springvalley Coal Co., No. 1.....	Springvalley..	21,907	32,861			
4	Springvalley Coal Co., No. 5.....	Dalzell.....	26,642	39,963			
5	St. Paul Coal Co., No. 2.....	Cherry.....	2,653	132			
	Total.....		124,679	170,357			
GRUNDY COUNTY—FIRST DISTRICT							
1	C. W. & F. Coal Co., No. 3.....	S.Wilmington.	76,095	20,192	13,105	7,658	
2	Wilmington Star Mining Co., No. 7	Coal City.....	19,295		6,419		
	Total.....		95,390	20,192	19,524	7,658	
Note—567 tons lost in preparation							
LASALLE COUNTY—FIRST DISTRICT							
1	LaSalle Co. C. C. Co., No. 1.....	LaSalle.....	28,746	13,972			
2	LaSalle Co. C. C. Co., LaSalle....	LaSalle.....	31,283	3,315			
3	LaSalle Co. C. C. Co., Union.....	LaSalle.....	25,077	5,071			
4	Illinois Zinc Co., No. 3.....	Peru.....	3,977	41,224			
5	LaSalle Co. C. C. Co., No. 5.....	Cedar Point..	13,983	16,075			
6	Seneca Coal Co., G. & J.....	Seneca.....	7,524				
	Total.....		110,590	79,657			
LIVINGSTON COUNTY—FIRST DISTRICT							
1	Murphy, Linskey & K. C. Co., No.1	Pontiac.....	8,151		4,849		
2	Fairbury Coal Co.....	Fairbury.....	2,917		854	1,709	
	Total.....		11,068		5,703	1,709	
MERCER COUNTY—FIRST DISTRICT							
1	Alden Coal Co., No. 7.....	Matherville...	17,502				
2	Coal Valley Mining Co., No. 3....	Matherville...					
	Total.....		17,502				
PUTNAM COUNTY—FIRST DISTRICT							
1	St. Paul Coal Co., No. 1.....	Granville.....	3,692				
2	B. F. Berry.....	Standard.....	15,973	6,205	24,040		
	Total.....		19,665	6,205	24,040		

THE OUTPUT OF SHIPPING MINES

put of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
		23,505	592	129,285	C. & N. W.	22,208	95,541		1
		18,421	13,673	97,784	C. M. & St. P.	951	62,469	7,925	
					C. B. & Q.	761			2
					C. & N. W.	477			
		10,358	23,818	88,944	C. & N. W.	24,286	32,861	7,285	3
		13,596	1,692	81,893	C. & N. W.	12,105	56,605		4
		8,508	58,649	69,942	C. M. & St. P.	49	58,767		5
		74,388	98,424	467,848		60,837	306,243	15,210	
	33,361			150,411	E. J. & E.	133,159			1
	664	11,436		37,814	E. J. & E.	26,714			
					C. & A.	2,154			2
					A. T. & S. F.	5,058			
	34,025	11,436		188,225		167,085			
		12,276	52,545	87,539	I. C.	46,369			1
		16,063	5,347	56,008	C. B. & Q.	25,283			
					I. C.	14,596			2
		16,617	4,301	51,066	C. R. I. & P.	8,897			
		1,471		46,672	C. R. I. & P.	21,589		3,203	3
		10,524	155	40,737	C. R. I. & P.	41,224			4
					C. M. & St. P.	13,674	20,850		5
		1,303		8,827	C. C. C. & St. L.	241			
					C. R. I. & P.	1,814			6
		58,254	42,348	290,849		173,687	20,850	3,203	
		5,544	4,412	22,956	C. & A.	8,902			1
		2,363	7,843	15,686	I. C.	1,864			
					Wabash.	80		8,980	2
		7,907	12,255	38,642	T. P. & W.				
		4,319	83,774	105,595	R. I. S.	15,756	85,610		1
			16,889	16,889	R. I. S.	15,625			2
		4,319	100,663	122,484		31,381	85,610		
		446	123,386	127,524	C. M. & St. P.	76	114,424	1,326	1
		5,519		51,737	C. M. & St. P.	19,229	21,088		2
		5,965	123,386	179,261		19,305	135,512	1,326	

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of ou				
			Lump	Furnace	Small Egg	Stove	Chestnut
MARSHALL COUNTY—SECOND DISTRICT							
1	Toluca Coal Co., No. 1.....	Toluca.....	20,891				
2	Wenona Coal Co.....	Wenona.....	34,034		6,609	7,691	
	Total.....		54,925		6,609	7,691	
PEORIA COUNTY—SECOND DISTRICT							
1	Clark Coal & Coke Co., Empire....	Peoria.....	39,993	47,488	998		
2	M. E. Case Coal Co.....	Peoria.....	24,106	27,745			
3	Newsam Bros. Coal Co., No. 5.....	Peoria.....	5,159	10,821			
4	Logan Coal Co.....	Hanna City.....					
5	Newsam Bros. Coal Co., No. 4.....	Glasford.....	23,140	11,396			
6	Wolschlag Co-oper. Coal Co.....	Peoria.....		23,860			
7	Crescent Coal Co., No. 1.....	Peoria.....	21,511	6,464			
8	Central West Coal Co.....	Edwards.....	9,525	9,479			
9	Colliers Co-oper. Coal Co.....	Bartonville.....	1,891				
10	Silver Creek Col. Co., No. 2.....	Edwards.....	5,282				
11	Lancaster Coal Co., No. 1.....	Kingst'n Mines	11,375				
12	East Mapleton Coal Co., No. 1.....	Mapleton.....	2,000				
13	Newsam Bros. Coal Co., No. 6.....	Peoria.....					
	Total.....		143,982	137,243	998		
	Note 1—16,494 tons shipped by boat Note 2—7,226 tons lost in preparation						
TAZEWELL COUNTY—SECOND DISTRICT							
1	Groveland Mining Co., No. 2.....	Pekin.....	48,629				
2	Tazewell Coal Co.....	Pekin.....	47,187	51			
3	Lake Erie Mining Co.....	Peoria.....	42,838				
4	Ubben Coal Co.....	Pekin.....	10,375				
5	Regal Coal Co.....	Pekin.....	5,696				
6	East Peoria Mining Co.....	E. Peoria.....	2,400				
	Total.....		157,125	51			
	Note—219 tons lost in preparation						
WOODFORD COUNTY—SECOND DISTRICT							
1	Roanoke Coal Co.....	Roanoke.....	28,236	2,942			
2	Minonk Coal Co.....	Minonk.....	21,000	18,000			
	Total.....		49,236	20,942			
FULTON COUNTY—THIRD DISTRICT							
1	Cripple Creek Coal Co., Nos. 1 & 2	Bryant.....	38,627	118,409			
2	Silver Creek Coal Co., No. 1.....	Farmington...	34,476	32,364	638	1,012	
3	National Coal Mining Co., Nat....	Farmington...	33,175	36,303			
4	Canton Coal Co.....	Canton.....	32,456	49,268	701		
5	Alden Coal Co., No. 8.....	Farmington...	18,090	48,932			

Continued

Output of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
		271	110,845	132,007	A. T. & S. F.	2,602	88,621	29,456	
					C. & A.	1,545		17	1
					I. C.	25,123			
		12,845	255	61,434	C. & A.	22,541			2
		13,116	111,100	193,441		51,811	88,621	29,473	
		95,129	63,501	247,109	M. & St. L.	194,555	52,554		1
		14,248	132,285	198,384	P. Ry. Terminal.	63,659	134,725		2
		7,336	81,808	105,124	P. Ry. Terminal.	37,714	67,410		3
			96,135	96,135	M. & St. L.	93,891			4
		14,348	37,084	85,968	M. & St. L.	38,298	44,627		5
		13,201	29,232	66,283	P. & P. U.	11,773	54,510		6
		13,561	9,844	51,380	C. B. & Q.	43,957	6,464		7
		7,658	1,317	27,979	C. B. & Q.	21,112	6,219		8
		340	22,007	24,238	P. & P. U.	23,305			9
		2,263		7,545	C. B. & Q.	7,545			10
		3,095	5,762	20,232	Boat.	16,494			11
		500	4,480	6,980	T. P. & W.	4,980			12
			6,755	6,755	P. Ry. Terminal.	6,755			13
		171,679	490,210	944,112		564,038	366,509		
		24,115	290,975	363,719	P. & P. U.	2,916	260,331		1
		30,866	15,163	93,267	A. T. & S. F.	10,026	173,842		2
		21,502	23,545	87,885	C. C. C. & St. L.	438	90		3
		6,917	17,292	34,584	P. & P. U.	31,734	43,779		4
		4,194	12,736	22,626	C. C. C. & St. L.	21,375			5
		2,300	1,100	5,800	A. T. & S. F.	20,774		655	6
					I. T. S.	177			
		89,894	360,811	607,881		87,440	478,042	655	
		6,713	18,113	56,004	A. T. & S. F.	18,026	24,343	3,656	1
	4,800	4,913		48,713	A. T. & S. F.	11,650			2
					I. C.	20,250			
	4,800	11,626	18,113	104,717		49,926	24,343	3,656	
		74,961	47,620	279,617	C. B. & Q.	95,891	59,248		1
		48,582	32,601	149,673	A. T. & S. F.		122,484		2
		50,929	17,002	137,409	N. W.		1,994		3
					M. & St. L.	96,524	52,709		4
					M. & St. L.	59,800	76,469		5
					C. B. & Q.	80,844	28,705		6
		42,023	9,277	133,725	A. T. & S. F.		22,997		7
		43,702	7,405	118,129	M. & St. L.	53,916	59,298		8

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of out				
			Lump	Furnace	Small Egg	Stove	Chestnut
6	Spoon River Col. Co.....	London Mills.....	21,763		15,748		
7	Binzel Coal Co., No. 1.....	Farmington.....	9,976	26,633			
8	Rewalt Coal Co.....	Canton.....	5,359	13,398			
9	Maplewood Coal Co., No. 1.....	Farmington.....	6,311	19,689			
10	Shuler & Long Coal Co.....	Fairview.....					
11	Simmons Coal Co.....	Canton.....	3,975	6,825			
12	Monmouth Coal Co., No. 1.....	Brereton.....	5,573	4,557		47	
13	Coal Creek Mining Co., No. 1.....	Fairview.....	593		242		
14	Eclipse Coal Co.....	Astoria.....					
15	W. Donaldson Coal Co., No. 1.....	Cuba.....					
16	Middleton Coal Co.....	Canton.....	3,340	3,448			
17	Robt. Gooden Coal Co.....	Farmington.....	5,954				
18	Joe McGlaughlin & Sons.....	Canton.....					
19	Alden Coal Co., No. 6.....	Norris.....	2,059	1,721			
20	Big Six Coal Co., No. 1.....	Fairview.....					
21	G. and L. Coal Co.....	Canton.....					
	Total.....		221,727	361,547	17,329	1,059	
	Note—2,153 tons lost in preparation						
	LOGAN COUNTY—FOURTH DISTRICT						
1	Sangamon County M. Co.....	Lincoln.....	60,095	15,275		20,030	
2	Citizens Coal Mining Co.....	Lincoln.....	63,729	15,870		3,373	
	Total.....		123,824	31,145		23,403	
	Note—181 tons lost in preparation						
	MENARD COUNTY—FOURTH DISTRICT						
1	Union Fuel Co.....	Athens.....	16,796	25,729			3,000
	SANGAMON COUNTY—FOURTH DISTRICT						
1	Madison Coal Corp., No. 6.....	Divernon.....	96,103	289,710			
2	Peabody Coal Co., No. 6.....	Sherman.....	130,353	116,869		1,464	
3	Springfield Dist. C. M. Co., No. 55	Springfield....	96,862	54,308			
4	Peerless Coal Co.....	Springfield....	94,897	82,684	14,268	18,120	
5	C. Wilm. & F. Coal Co., No. 1....	Thayer.....	70,091	138,129			
6	Panther Creek Coal Co.....	Auburn.....	197,287				
7	Citizens Coal Mining Co., B.....	Springfield....	85,513	69,211	8,774	29,414	
8	Springfield Dist. C. M. Co., No. 57	Springfield....	97,508	51,807		3,741	
9	Spring Creek Coal Co.....	Springfield....					

Continued

put of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
		30,662	12,932	81,103	C. B. & Q.	62,013	452		
					N. W.		12,880		6
	705	20,194	7,659	65,167	M. & St. L.		282		
		8,038	26,795	53,590	M. & St. L.	25,294	38,538		7
		13,022	6,260	45,282	T. P. & W.	51,811			8
			35,243	35,243	M. & St. L.	10,210	31,088		9
		4,429	4,500	19,729	C. B. & Q.	35,243			10
		5,125	2,523	17,825	C. B. & Q.	9,776	9,953		11
					C. B. & Q.	9,404	6,781		12
					C. B. & Q.	680	242		
		575	14,170	15,580	A. T. & S. F.		14,658		13
			9,931	9,931	C. B. & Q.	6,400			14
			9,419	9,419	C. B. & Q.	9,419			15
			2,080	8,868	T. P. & W.	8,772			16
450		1,821	8,225	8,225	C. B. & Q.	1,821			17
			6,844	6,844	T. P. & W.	3,680	320		18
		2,801			C. B. & Q.	4,100	1,508		19
			5,148	5,148	C. B. & Q.	5,148			20
			2,260	2,260	T. P. & W.	2,200			21
450	705	346,864	259,669	1,209,350		632,946	540,606		
					C. & A.	77,308	21,760		
		37,393	54,646	187,439	I. C.	56,840			1
					I. C.	49,777	14,176	21,949	
		37,167	24,685	144,824	C. & A.	355			2
		74,560	79,331	332,263		184,280	35,936	21,949	
		27,834	7,003	80,362	C. P. & St. L.	49,169	24,653		1
		74,374	129,400	589,587	I. C.		553,879		1
		136,809	7,085	392,580	C. & A.	385,802			2
					C. & A.	80,205	225,551		
		70,250	166,562	387,982	Wabash.	71,230			3
					C. & A.	154,859	27,565		
					Wabash.	85,534	29,872	1,950	
					I. C.	21,700			
		124,983	39,125	374,077	I. T. S.	40,077			4
					C. I. & W.	1,773			
					C. P. & St. L.	5,421			
					C. & A.	103,233	40,467		
		99,088	57,376	364,684	C. B. & Q.	63,916	118,498		
					C. & N. W.	15,319	2,710		5
					I. T. S.	862			
		139,172	10,127	346,586	C. & A.	100,360	234,999		6
		81,350	2,395	276,657	C. P. & St. L.	235,198	35,858		7
					I. C.	151,354			
					C. I. & W.	66,956			
					I. T. S.	8,156			8
					B. & O.	3,801			
					B. & O.	99,522	92		
					M. & O.		52,108		9
			269,374	269,374					

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of out				
			Lump	Furnace	Small Egg	Stove	Chestnut
10	Sangamon Co. Mining Co., Jeff....	Springfield....	61,900	122,400			
11	Sangamon Coal Co., No. 2.....	Springfield....	87,165	80,924			297
12	Illinois Coal & Coke Corp., No. 1.	Springfield....	72,964	80,723			
13	West End Coal Co.....	Springfield....	67,358		22,240		
14	Chicago-Springfield Coal Co., c/s..	Springfield....	57,258	65,011			99
15	Bissell Coal Co.....	Springfield....	70,714	28,345			
16	Union Fuel Co., No. 5.....	Sherman	48,564	62,932			
17	Springfield Dist. C. M. Co., No. 53	Springfield....	41,149	47,049			
18	Springfield Co-oper. C. M. Co....	Springfield....	50,611	25,021	8,486		
19	Springfield Dist. C. M. Co., No. 52	Riverton	56,298	26,647	2,727	300	
20	Union Fuel Co., No. 3.....	Auburn.....	51,086	29,127			
21	Dawson Coal Co., No. 1.....	Dawson.....	26,430	10,360		4,000	
22	Union Fuel Co., No. 2.....	Springfield....	35,283	37,119			40
23	Lincoln Park C. & B. Co.....	Springfield....	26,459	6,075			
24	Sangamon Coal Co., No. 3.....	Cantrall.....	11,631	20,972			
25	Springfield Dist. C. M. Co., No. 51	Springfield R.5	6,073	4,666	3,595		
26	Illinois Coal & Coke Corp., No. 2..	Auburn.....	6,780	3,530			
Totals.....			1,645,437	1,453,619	60,090	57,039	436
Note—1,214 tons lost in preparation							
CHRISTIAN COUNTY—FIFTH DISTRICT							
1	Peabody Coal Co., No. 8.....	Tovey.....	222,685	92,019			
2	Peabody Coal Co., No. 7.....	Kincaide....					
3	Peabody Coal Co., No. 9.....	Taylorville...	398,192				
4	Penwell Coal Mining Co.....	Pana.....	46,897	14,503	15,830	24,896	
5	Pana Coal Co., No. 2.....	Pana.....	23,838	25,644			
6	Springfield Dist. C. M. Co., No. 58	Taylorville....					
7	Peabody Coal Co., No. 21.....	Stonington....	22,269	5,923		913	
8	Smith Lohr Coal Mining Co.....	Pana.....	8,014	8,153	16,611	3,512	8,545
					3,248		
9	Pana Coal Co., No. 1.....	Pana.....	4,309	7,872			
10	Assumption C. & M. Co., No. 1...	Assumption...	24,184		5,535		
11	Christian Co. Mining Co.....	Edinburg.....	7,591				
Total.....			757,979	154,114	41,224	29,321	8,545
Note—10,591 tons lost in preparation							

Continued

put of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
					Wabash		102,786		
					Penna. Line		10,627		
					B. & O.	110,671			
		70,571	11,200	266,071	C. & A.		24,900		10
					M. & O.		57,400		
					I. T. S.	62,000	6,700		
		83,357	13,249	264,992	C. & A.	143,373	57,430		
					I. C.	39,694	4,820		11
					C. I. & W.	7,960			
		108,244	895	261,926	C. P. & St. L.	37,916			
					C. & A.	216,449			12
					C. & N. W.	38,510	25,120		
		53,010	91,323	233,931	C. & A.	19,669	15,116		
					Wabash	38,922	36,000		13
	7,983	64,892	2,565	197,808	C. P. & St. L.	1,314	16,000		
					C. & A.	128,796	64,098		14
					I. C.	30,020	163		
		58,061	24,669	181,789	I. T. S.	64,000			
					C. & A.	26,526			15
					Wabash	48,310	11,401		
					C. P. & St. L.	433			
		57,936	2,691	172,123	C. I. & W.	46			
					C. & A.	121,505	46,629		16
		51,237	8,433	147,868	Wabash	93,798			
					I. C.	18,473			17
					B. & O.	311			
		51,988	1,004	137,110	C. & A.	64,417	21,880		18
		40,317	8,572	134,861	Wabash	126,242			19
		45,351	2,112	127,676	C. & A.	69,903	43,883		20
					Wabash	15,768	5,630		
		75,130	5,000	120,920	I. T. S.	93,022			21
		41,508	3,646	117,596	C. I. & W.	104,640	9,227		22
					C. & A.	12,159			
4,406		20,814	6,026	63,780	C. P. & St. L.	63			23
		5,293	615	38,511	C. P. & St. L.	10,701	7,551		
					C. & N. W.	10,138			24
		8,433	2,672	25,439	M. & O.		7,926		
		9,490	1,898	21,698	C. P. & St. L.	24,482			25
					C. & A.	11,510	7,440		26
4,406	7,983	1,658,190	903,653	5,790,853		3,485,025	1,904,325	1,950	
					C. & I. M.	624,863	85,884		1
		152,740	251,149	718,593	C. & I. M.	464,282	234,855		2
			708,223	708,223	C. & I. M.	567,743	2,393		3
		169,929	3,456	571,577	I. C.	194,981			
					C. C. C. & St. L.	3,194			4
		118,445	19,096	239,667	B. & O.	8,379			
					I. C.	60,287	43,038	32,150	
1,459		29,121	72,595	152,657	B. & O.		11,437	362	5
					Wabash	14,274	10,026		
			141,616	141,616	C. & I. M.	13,590	60,581		6
		23,556	40,403	109,675	Wabash	61,472	37,898		7
783	848	18,225	754	52,082	I. C.	46,270			8
					B. & O.		13,259	4,862	
		8,704	17,582	38,467	C. C. C. & St. L.	1,802			9
					C. & E. I.	3,165			
					I. C.	12,419			
2,037		4,078		35,834	I. C.	24,184			10
		4,341	196	12,128	B. & O.	4,977			11
4,279	848	529,139	1,255,070	2,780,519		2,105,891	499,375	37,374	

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of out				
			Lump	Furnace	Small Egg	Stove	Chestnut
MACON COUNTY—FIFTH DISTRICT							
1	Macon County Coal Co.....	Decatur.....	42,906		13,461		
2	Decatur Coal Co.....	Decatur.....	40,731				
3	Niantic Carbon Coal Co.....	Niantic.....	1,629				
	Total.....		85,266		13,461		
MOULTRIE COUNTY—FIFTH DISTRICT							
1	Lovington Coal Mining Co., No. 1.	Lovington.....	33,754	22,945			
	Total.....		33,754	22,945			
SHELBY COUNTY—FIFTH DISTRICT							
1	Moweaqua Coal Mining Co., No. 1	Moweaqua....	23,900		8,224	1,343	
	Note—5,133 tons lost in preparation						
VERMILION COUNTY—FIFTH DISTRICT							
1	U. S. Fuel Co., Verm.....	Georgetown...	95,394	29,130		44,535	
2	Peabody Coal Co., No. 24.....	Danville.....	239,152	47,094			
3	U. S. Fuel Co., No. 4.....	Westville.....	31,576				
4	U. S. Fuel Co., Bunsen.....	Georgetown...					
5	United Electric Coal Co., No. 1.....	Danville.....	95,370	11,700	6,000		
6	Brady Branch Coal Co.....	Tilton.....	3,508				
7	Taylor-English Coal Co., No. 2.....	Catlin.....					
8	United Electric Coal Co., No. 6.....	Danville.....	52,000	7,800	4,000		
9	United Electric Coal Co., No. 4.....	Danville.....	40,610	2,000	700		
10	United Electric Coal Co., No. 5.....	Danville.....	9,973	1,332	4,000		
11	Chicago Coal Co.....	Catlin.....					
12	I. & J. Coal Co.....	Georgetown...	1,570				
13	Sharon Coal Co.....	Georgetown...	4,785	277			
14	Chicago Coal Co., No. 1.....	Fairmount.....					
15	Lone Oak Coal Co.....	Danville.....	552				
	Total.....		574,490	99,333	14,700	44,535	
	Note—646 tons lost in preparation						
MACOUPIN COUNTY—SIXTH DISTRICT							
1	Superior Coal Co., No. 3.....	Gillespie.....					
2	Superior Coal Co., No. 1.....	Gillespie.....					
3	Superior Coal Co., No. 2.....	Gillespie.....					
4	Superior Coal Co., No. 4.....	Gillespie.....					
5	Consolidated Coal Co., No. 7.....	Staunton.....		268,465	8,863	8,097	20,433
6	Standard Oil Co. (Ind.), No. 1.....	Carlinville...	145,847	131,163			
7	Consolidated Coal Co., No. 15.....	Staunton.....	159,120				
8	Illinois Coal & Coke Corp., No. 3.....	Viriden.....	54,074	92,982			
9	Madison Coal Corp., No. 5.....	Mt. Olive....	20,783	57,877			
10	Consolidated Coal Co., No. 14.....	Staunton.....	117,110		1,984	2,578	1,479
11	Gillespie Coal Co.....	Gillespie.....	5,831				
12	Royal Colliery Co.....	Viriden.....	5,387		16,575		1,369

Continued

put of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
.....	3,919	15,806	34,606	110,698	{ I. C. Penna. Line. C. I. & W. I. C. Wabash.	9,758 5,264 1,016 12,241 9,205			1 2 3
.....	3,919	36,675	62,005	201,326		37,484			
.....		36,913	58,824	152,436	{ Wabash. Penna. Line.	32,676 13,944	62,348 24,522		1
.....		36,913	58,824	152,436		46,620	86,870		
728		17,307	1,512	53,014	I. C.	42,677			1
.....		156,115 153,352 16,157	368,558 97,932 279,288	693,732 537,530 327,021	E. J. & E. C. C. C. & St. L. E. J. & E.	525,551 238,294 143,767	145,350 288,936 168,507		1 2 3
.....		283,973	283,973	283,973	E. J. & E.	207,210	68,472		4
.....		74,000	34,800	221,870	C. C. C. & St. L.	113,029	99,841		5
.....		4,865	202,833	211,206	Wabash.	7,060	200,637		6
.....			141,700	141,700	Wabash.	15,181	122,855		7
.....	320	54,000	17,200	135,320	C. C. C. & St. L.	71,426	60,894		8
.....		29,000	20,000	92,310	Wabash.	24,000	66,810		9
.....		5,000	61,940	82,245	I. T. S.	18,490	62,755		10
.....			15,229	15,229	I. T. S.	7,245	7,984		11
.....		1,884	7,687	11,141	C. T. H. & S. E.	8,838	1,732		12
.....		2,507	902	8,471	I. T. S.	3,866			13
.....			2,189	2,189	C. & E. I.		2,189		14
.....		464	810	1,826	N. Y. C.	1,626			15
.....	320	497,344	1,535,041	2,765,763		1,385,583	1,296,962		
.....			836,321	836,321	C. & N. W.		813,525		1
.....			684,994	684,994	C. & N. W.		666,037		2
.....			682,148	682,148	C. & N. W.		662,480		3
.....			649,419	649,419	C. & N. W.		632,491		4
19,401	21,213	75,345	68,620	490,437	Wabash.	169,351	70,880		
.....		223,912		500,922	L. & M.	169,352	70,880		5
.....		80,921	142,247	382,288	C. & A.	484,538	307		6
.....					Wabash.	172,436	190,523		7
.....		111,544	5,227	263,827	C. & A.	76,612			
.....					C. B. & Q.	162,348			8
.....		10,722	140,644	230,026	C. & N. W.	8,757			
.....					I. C.		203,361	13,229	9
4,152	6,058	28,035	52,936	214,332	Wabash.	41,988	56,931		
.....		3,243	180,108	189,182	C. & N. W.	41,987	56,932		10
.....					I. T. S.	4,897	180,208		11
.....		18,089	97,927	139,347	C. B. & Q.	8,567	109,287		
.....					C. & A.	10,233			12
.....					C. & N. W.	2,777	2,263		

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of ou				
			Lump	Furnace	Small Egg	Stove	Chestnut
13	Illinois Coal & Coke Corp., No. 4	Girard.	14,460	10,941	4,062		
14	Standard Oil Co. (Ind.), No. 2....	Carlinville....					
15	Bartels Coal Co.....	Carlinville....	28,213				
	Totals.....		550,825	561,428	31,484	10,675	23,281
	Note—20,643 tons lost in preparation						
	MONTGOMERY COUNTY—SIXTH COUNTY						
1	Nokomis Coal Co., No. 1.....	Nokomis.	136,752	98,046		53,069	
2	Shoal Creek Coal Co.....	Panama.....	231,602	27,459		2,558	
3	Indiana & Illinois C. Corp., No. 15	Taylor Springs	52,397	54,688		3,837	
4	Hillsboro Coal Co., Hillsboro.....	Hillsboro....	81,426		75,511		
5	Indiana & Illinois C. Corp., No. 11	Hillsboro....	26,479	22,393			
6	Indiana & Illinois C. Corp., No. 10	Nokomis.....	12,739	21,674		4,242	
7	Indiana & Illinois C. Corp., No. 12	Witt.....	2,600				
	Total.....		543,995	224,260	75,511	63,706	
	Note—3,718 tons lost in preparation						
	SHIPPING MINES						
	BOND COUNTY—SEVENTH DISTRICT						
1	Pocahontas Mining Co., No. 1....	Pocahontas...	54,358	42,380	13,844	2,768	
	Note—281 tons lost in preparation						
	SHIPPING MINES						
	MADISON COUNTY—SEVENTH DISTRICT						
1	Mt. Olive & Staunton C. Co., No. 2	Staunton.....	291,237				98,134
2	Donk Bros. C. & C. Co., No. 2....	Maryville....	180,989	48,407	46,094		
3	New Staunton Coal Co., No. 1....	Livingston....	150,978	117,848			
4	Madison Coal Corp., No. 2.....	Glen Carbon..	25,435		68,309		152
5	Lumaghi Coal Company, No. 2....	Collinsville..	118,435	53,673		27,637	
6	Donk Bros. C. & C. Co., No. 4....	Edwardsville..	74,463	34,837			
7	Donk Bros. C. & C. Co., No. 3....	Troy.....	46,917	38,579			
8	Keerns-Donnewald C. Co., K-D....	Worden.....	44,169				
9	Lumaghi Coal Company, No. 3....	Collinsville..	30,042	17,605		11,035	
10	Abbey Coal Corp., Abbey.....	Collinsville..	53,173				
11	Madison County Mining Co., M. C.	Edwardsville..					
12	New Castle Coal Co., Henrietta...	Edwardsville..					
13	Bullock Mining Co.....	Collinsville..					
14	Jay Coal Company.....	Bethalto.....	9,820			450	
15	East Side Coal Co., No. 1.....	Edwardsville..	5,323				
16	Edwardsville Coal Co., No. 3....	Edwardsville..					
17	Mizer Coal & Mfg. Co.....	Mora.....					
	Total.....		1,030,981	310,949	114,403	39,122	98,286
	Note—15,002 tons lost in preparation						

Continued

Output of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad com- panies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
		36,464	1,995	67,922	C. & A.	15,109	495		
					C. B. & Q.	20,915	13,110		13
		44,241	1,366	45,607	C. & N. W.	7,307			
		12,696		40,909	C. & A.	39,170		685	14
					I. T. S.	21,420			15
23,553	27,271	645,212	3,543,952	5,417,681		1,457,764	3,729,710	13,914	
		252,038	31,934	571,839	C. & E. I.	337,210			1
		119,448	38,061	419,128	C. C. C. & St. L.	212,566			2
					T. St. L. & W.	130,447	252,085		
		68,733	118,465	298,120	C. C. C. & St. L.	91,157	137,368		3
		93,263	9,531	259,731	C. & E. I.	22,790	34,342		4
					C. C. C. & St. L.	220,203	15,347		
		20,431	169,086	238,389	C. & E. I.	23,187	208,300		5
		22,770	84,033	145,453	C. C. C. & St. L.	64,923	1,332		6
					C. & E. I.	61,495	16,065		5
		766	139,199	142,565	C. C. C. & St. L.	2,198	113,239		7
					C. & E. I.	8,788	13,006		
		577,449	590,309	2,075,230		1,174,964	791,084		
		75,566		188,916	C. C. C. & St. L.	138,440	42,380		1
		159,227		548,598	L. & M.	526,048			1
		160,050	88,210	523,750	St. L. T. & E.	507,628		108	2
		168,276	23,294	460,396	C. & E. I.	146,320	77,764		3
		13,175	255,930	363,001	C. C. C. & St. L.	219,480			4
		69,609	7,234	276,588	I. C.		346,714		5
		88,327	15,737	213,364	C. C. C. & St. L.	263,511	13,077		6
		54,579	13,394	153,469	St. L. T. & E.	205,766		704	7
					St. L. T. & E.	141,578			8
		29,761	67,916	141,846	I. T. S.	25,907	99,578		9
		32,047	18,848	109,577	Wabash	9,172			10
	1,933	30,937	10,635	96,678	Penn Line	83,427	26,150		11
			66,349	66,349	Penn Line	1,615			12
			45,588	45,588	Wabash	42,596	8,786		13
			33,003	33,003	L. & M.	36,900			14
		8,413	3,794	22,477	Penn Line	26,872			15
		3,548	789	9,660	C. P. & St. L.	12,630	199		16
			4,606	4,606	I. T. S.	400			17
			896	896	I. T. S.		3,000		
					C. C. C. & St. L.	290			
1,933	817,949	656,223	3,069,846			2,250,140	575,268	818	

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of out				
			Lump	Furnace	Small Egg	Stove	Chestnut
SHIPPING MINES							
MARION COUNTY—SEVENTH DISTRICT							
1	Marion County C. Co., Glenridge..	Centralia.....	67,093	68,689	10,197		
2	Chicago Sandoval Coal Co., No. 2..	Sandoval.....	80,369	49,158			
3	Odin Coal Co., Odin.....	Odin.....	51,920	3,175			
	Total.....		199,382	121,022	10,197		
Note—7,458 tons lost in preparation							
CLINTON COUNTY—EIGHTH DISTRICT							
1	Southern C. C. & M. Co., No. 9...	New Baden...					
2	Breese-Trenton Mining Co., Beck..	Beckmeyer....	50,338		42,377		
3	Breese-Trenton Mining Co., E. M.	Breese.....	41,650		37,220		
4	Breese-Trenton Mining Co., N. M.	Breese.....	23,724		5,884	3,662	
5	Consolidated C. C., W. M.....	Breese.....	57,721				
	Total.....		173,433		85,481	3,662	
ST. CLAIR COUNTY—EIGHTH DISTRICT							
1	St. Louis & O'Fallon C. Co., No. 2	E. St. Louis...	251,873				
2	Consolidated Coal Co., No. 17....	Collinsville...	241,728		283	1,338	13,120
3	Perry Coal Co., St. E.....	O'Fallon.....	58,647				
4	Kolb Coal Co., No. 2.....	Mascoutah....	113,244	12,582			
5	Eldnar Coal Co.....	Belleville.....					
6	St. Louis & O'Fallon Coal Co., No. 1	E. St. Louis...	4,365				
7	Southern C. C. & Mining Co., No. 8	Belleville.....					
8	Aluminum Ore Co.....	Belleville.....	44,907	45,320	2,843		
9	Egyptian Coal & Mining Co.....	Marissa.....	46,920	31,280		23,460	
10	Southern C. C. & M. Co., No. 7....	Belleville.....					
11	Mulberry Hill Coal Co., No. 1....	Freeburg.....	64,138		8,432		
12	O. K. Coal Company.....	Marissa.....	37,654	20,688	9,913	8,328	6,737
13	Perry Coal Co., Superior.....	Belleville.....	75,588		2,688		
14	B. B. Coal & Mining Co.....	Belleville.....	73,557				
15	Quality Coal & Mining Co.....	Belleville.....	34,348	24,679	2,200		
16	Perry Coal Co., Carbon.....	O'Fallon.....	27,161		36,073		
17	Southern C. C. & M. Co., No. 6....	Belleville.....					
18	Star Coal & Mining Co.....	Freeburg.....					
19	Victoria Coal Co.....	Belleville.....	12,836	32,660	2,640		
20	Groom Coal Co.....	Belleville.....	23,501	34,277			
21	Perry Coal Co., Taylor.....	O'Fallon.....	15,522		18,793		
22	Southern C. C. & M. Co., No. 1....	Belleville.....					
23	New Marrissa Coal Co., No. 1....	Marrissa.....	37,051				
24	Kolb Coal Company, No. 1.....	Mascoutah....	20,598				
25	Golden Rule Coal Co.....	Lenzburg.....	16,810	18,174		3,227	
26	New National Coal & Mining Co...	Belleville.....	26,341				
27	Ell-Rich Mining Co.....	Belleville.....	29,755				
28	Kolb Coal Company, No. 3.....	New Athens....	13,805		20,451		
29	Glendale Coal & Mining Co.....	Freeburg.....	31,434				
30	People's Coal Co., People's.....	Caseyville.....	11,380				
31	General C. & M. Co.....	Freeburg.....	27,586				
32	Fallon Coal Mines Co., No. 1....	O'Fallon.....					

Continued

put of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
		99,614	17,747	263,340	I. C.	131,799	8,881		
		66,217	38,096	233,840	C. B. & Q.	3,877	100,725		1
					I. C.	126,644	89,970		2
					B. & O.	6,848			
		50,175	77,824	183,094	I. C.	148,968	7,997		3
		216,006	133,667	680,274		418,136	207,573		
			223,306	223,306	Southern	135,868	66,919		1
		57,836	2,422	152,973	B. & O.	121,346	16,388		2
		57,207	13,922	149,999	B. & O.	94,408	1,155	37,220	3
		18,780	74,571	126,621	B. & O.	117,788	1,904		4
		33,065	4,103	94,889	B. & O.	90,040			5
		166,888	318,324	747,788		559,450	86,366	37,220	
		142,724	82,877	477,474	St. L. & O'F.	381,207	92,544	1,618	1
16,706	17,825	34,220	532	325,734	Penn line	312,594			2
		18,504	259,532	336,683	St. L. & B.		332,831	1,082	3
		53,925	44,938	224,689	L. & N.	223,079			4
			223,333	223,333	L. & N.	220,833			5
		4,213	204,254	212,832	St. L. & O'F.	7,043	204,359	1,430	6
			203,838	203,838	Southern	126,524	68,127		7
		88,884		181,954	I. C.	29,745			
		57,720	4,640	164,020	St. L. & O'F.	137,040	15,169		8
			151,843	151,843	I. C.	157,809			9
2,250		25,180	30,711	130,711	Southern	98,818	46,502		10
		35,307	1,417	120,044	I. C.	127,558			11
		38,709	3,438	120,423	I. C.	114,145	1,417		12
					St. L. & B.	115,343			13
		46,560		120,117	St. L. & B.	100,667			
	500	26,544	14,683	102,954	Southern	16,563			14
		28,082	11,294	102,610	Southern	101,981			15
			98,302	98,302	B. & O.	95,720			16
			95,200	95,200	Southern	65,422	28,038		17
		16,046	28,215	92,397	I. C.	86,873			18
		26,204	550	84,532	I. C.	87,473			19
		23,853	19,427	77,595	I. C.	34,051	21,988	26,468	20
			70,873	70,873	B. & O.	73,539			21
					St. L. & B.	44,056	18,881		22
					I. C.	53,044	135		
					Wabash		2,700		
					R. I.		180		
		20,789	5,626	63,466	Frisco		1,665		23
					J. C. C. & E.		495		
					U. P.		135		
		8,828	29,425	58,851	L. & N.	6,790		40,776	24
		16,641	1,683	56,535	I. C.	46,840	5,215		25
					I. C.	31,915	1,910		
		13,210	16,388	55,939	St. L. & O'F.		19,436		26
		12,751	10,000	52,506	L. & N.	51,956			27
		16,873		51,129	I. C.	37,570		12,445	28
		17,059	2,618	51,111	I. C.	49,200			29
		10,334	28,689	50,403	B. & O.	44,226			30
		13,269	2,175	43,030	I. C.	41,095			31
			39,236	39,236	Frisco		33,150		32

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of out				
			Lump	Furnace	Small Egg	Stove	Chestnut
33	Aloys Gunalach.....	Edgemont Sta.	7,551	12,798			
34	Summit Coal & Mining Co.....	E. St. Louis.	13,200				
35	Lou-Nash Coal & Mining Co.....	Belleville.....	11,863				
36	Perry Coal Company, Pittsburg...	Rentchler.....	12,947				
37	Jones Bros. C. M. Co., No. 1.....	Belleville.....	11,327	6,000			
38	Suburban Coal Co.....	Marissa.....	13,085			1,915	
39	Columbia Collieries Co., Columbia.	Belleville.....	4,407	8,494	1,164		
40	Perry Coal Company, S. B.....	Belleville.....	9,160				
41	Guest Coal Company.....	Belleville.....	7,955				
42	Premier Coal Co.....	Lebanon.....					
43	Columbia Collieries Co., N. L.....	Lenzburg.....	6,619				
44	Liberty Coal Company.....	Rentchler.....					
45	Abend Coal Company.....	Belleville.....	2,547				
46	Columbia Collieries Co., N. F.....	Freeburg.....	2,182				
47	Missouri & Illinois Coal Co.....	Belleville.....	537				
Totals.....			1,444,129	246,952	105,480	38,268	19,839
Note—55,699 tons lost in preparation							
JACKSON COUNTY—NINTH DISTRICT							
1	Union Colliery Co., Kath.....	Dowell.....	56,096	58,373	50,824		
2	Jackson Coal Co.....	Hallidayboro.....	32,512	33,122	23,592	13,627	
3	Consolidated Coal Co., No. 10.....	Murphysboro.....					
4	Consolidated Coal Co., No. 9.....	Murphysboro.....					
5	Western United Gas C. Co., No. 2.....	Murphysboro.....					
6	Gartside Coal Co., No. 4.....	Murphysboro.....	21,110		3,304		
7	Midway Coal Mining Co.....	De Soto.....					
8	Jackson Peacock Coal Co.....	De Soto.....					
9	Dorcan Coal Co.....	Herrin.....					
Total.....			109,718	91,495	77,720	13,627	
Note—6,242 tons lost in preparation							
PERRY COUNTY—NINTH DISTRICT							
1	Equitable Coal & Coke Co.....	Duquoin.....	81,118	68,881	45,569	16,736	673
2	Paradise Coal Co.....	Duquoin.....	58,416	73,953	31,276		
3	Security Coal & Mining Co.....	Duquoin.....	39,701	42,420	33,258	16,926	18,837
4	Southern Gem Coal Corp., No. 5.....	Pinckneyville.....	56,127	50,192			
5	Jewell Coal Co., No. 1.....	Duquoin.....	27,747	30,390	19,819		
6	Willis Coal & Mining Co., No. 8.....	Willisville.....					
7	Willis Coal & Mining Co., No. 1.....	Willisville.....	3,400				
8	Southern Gem Coal Corp., No. 7.....	Cutler.....	16,500	55,802			
9	Scott Smith & Co.....	Duquoin.....					
10	Victory Collieries Co., No. 1.....	Tamaroa.....	23,401	20,479			
11	Southern Gem Coal Corp., No. 10.....	Cutler.....	24,490	19,206			
12	Columbia Collieries Co., B. E.....	Craig.....	21,816	18,097			
13	Jewel Coal Co., No. 2.....	Duquoin.....	4,963	7,445	3,225		
14	Victory Coal & Mining Co., Vic.....	Duquoin.....	21,909	9,737			
15	Bailey Bros. Coal Co., No. 1.....	Duquoin.....					
16	Tamaroa L. Muddy C. Co., L. M.....	Tamaroa.....	804				
17	Wilson Coal & Mining Co.....	Cutler.....	4,120				
Total.....			386,512	396,602	133,147	33,662	19,510
Note—22,745 tons lost in preparation							
RANDOLPH COUNTY—NINTH DISTRICT							
1	Moffat Coal Co., No. 1.....	Sparta.....	14,192			2,521	
2	Willis Coal & Mining Co., No. 6.....	Percy.....	42,549		1,790		

Continued

put of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
		16,212		36,561	I. C.	13,729		465	33
		7,709		20,909	St. L. Term.		21,986		34
					L. & N.	33,395			34
					L. & N.	19,610		53	35
		5,831	13,635	31,329	Frisco.		10,055		36
		8,297	7,098	28,342	Southern	12,759			37
		7,670	1,200	26,197	I. C.	20,861			37
		8,820		23,820	St. L. & B.	23,128			38
		4,902	925	19,892	L. & N.	19,038			39
		3,640	5,285	18,085	I. C.	12,346			40
		4,452	372	12,779	Southern	11,975			41
			11,444	11,444	B. & O.	5,722			42
		3,472	1,284	11,375	I. C.	10,289			43
			7,518	7,518	L. N.	5,342	1,134		44
		1,119	2,498	6,164	L. & N.	5,737			45
		791	2,726	5,699	I. C.	5,105			46
		216	2,562	3,315	I. C.	2,773			47
18,956	18,325	867,560	1,742,284	4,501,793		3,323,634	928,105	84,284	
		165,365	47,952	378,610	I. C.	374,846	1,158		1
		75,775	821	179,449	I. C.	167,757			2
			117,392	117,392	M. & O.	106,787			3
			106,351	106,351	I. C.	101,255			4
					M. P.	34,465			5
			70,744	70,744	I. C.	34,104			6
	11,431	1,516	15,480	52,841	M. & O.	31,305			7
			18,678	18,678	I. C.	15,753			8
			9,195	9,195	I. C.	8,195			9
			1,500	1,500	I. C.	1,400			
	11,431	242,656	388,113	934,760		875,867	1,158		
1,782	6,884	144,260	12,101	378,004	I. C.	366,824			1
		123,636	37,121	324,402	I. C.	234,735	35,041	36,302	2
14,413	28,634	5,794	96	200,079	I. C.	192,436	7,643		3
		63,713		170,032	I. C.	80,269	78,571		4
		54,173	25,000	157,129	I. C.	122,447	20,000		5
		5,890	129,189	135,079	M. & O.	4,808	123,866		6
		6,879	103,880	114,159	M. & O.	10,893	85,211		7
		2,860	14,387	89,549	W. C. & W.	85,700	1,133		8
			82,556	82,556	I. C.	80,806			9
		33,268	2,030	79,178	I. C.	70,997	3,796		10
		28,558	1,794	76,048	W. C. & W.	70,212	3,965		11
		25,245	7,230	72,388	I. C.	72,388			12
		9,431	38,110	63,174	I. C.	30,172	30,000		13
		14,541		46,187	I. C.	46,187			14
			24,807	24,807	I. C.	17,879	1,814		15
	367	717	14,042	15,930	I. C.	4,898	8,543		16
		2,247		6,367	W. C. & W.	6,050			17
16,562	35,518	521,212	492,343	2,035,068		1,497,701	399,583	36,302	
		6,094	373,837	396,644	M. & O.	18,551	371,835		1
45,144			188,441	277,924	M. & O.	42,905	186,439		2

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of out				
			Lump	Furnace	Small Egg	Stove	Chestnut
3	Madison Coal Corp., Crystal.....	Tilden.....	66,797				
4	The Illinois Fuel Co., No. 4.....	Sparta.....	26,726				
5	Perry Coal Co., Percy.....	Coulterville.....	45,480	30,320	15,160		
6	St. Louis Coal Co.....	Coulterville.....	28,853	25,653	13,626	10,525	
7	Jones Bros. Coal & Mining, No. 2.....	Tilden.....	41,686	9,382	8,753	13,128	
8	Randolph County Coal Co., No. 2.....	Coulterville.....	17,160	7,897		8,670	
9	Willis Coal & Mining Co., No. 9.....	Percy.....	4,737				
10	Willis Coal & Mining Co., No. 7.....	Sparta.....					
	Total.....		288,180	73,252	39,325	34,844	
	WASHINGTON COUNTY—NINTH DISTRICT						
1	Centralia Coal Co., No. 5.....	Centralia.....	71,581	347,379			
2	Nashville Mining Co.....	Nashville.....					
3	Kuhn Coalery Co.....	Du Bois.....	750				
	Total.....		72,331	347,379			
	Note—1,655 tons lost in preparation						
	FRANKLIN COUNTY—TENTH DISTRICT						
1	C. W. & F. Coal Co., No. 1.....	Orient.....	212,809	234,978	118,951	66,861	39,098
2	Bell & Zoller Mine Co., No. 1.....	Zeigler.....	112,880	181,619	138,772	103,226	91,055
3	Western Coal & Mining Co., No. 2.....	Bush.....	7,131				
4	Bell & Zoller Mining Co., No. 2.....	Zeigler.....	66,233	96,842	60,009	11,921	7,874
5	Franklin Coal & Coke Co., No. 1.....	Royalton.....	99,418	98,936	51,157	40,539	39,574
6	Old Ben Coal Corp., No. 11.....	Christopher.....	104,250	104,553	57,981	3,175	2,374
7	Old Ben Coal Corp., No. 8.....	W. Frankfort.....	118,917	107,926	44,289	46,977	43,419
8	Old Ben Coal Corp., No. 9.....	W. Frankfort.....	78,870	73,420	53,367	43,797	53,118
9	Southern Gem Coal Corp., No. 1.....	W. Frankfort.....	56,209	79,055	52,850	19,203	26,573
10	Franklin County Mining Co.....	Benton.....	61,572		69,782		73,887
11	United States Fuel Co., M. F.....	Benton.....					
12	Valier Coal Co., No. 1.....	Valier.....	97,618	1,687			
13	Old Ben Coal Corporation, No. 14.....	Buckner.....	76,064	79,836	50,200	2,229	2,393
14	Southern Gem Coal Corp., No. 2.....	Sesser.....	28,518	46,675	36,624	8,939	
15	Taylor Coal Co., No. 5.....	Herrin.....	41,477	56,796	40,086	13,887	
16	Old Ben Coal Corporation, No. 10.....	Christopher.....	60,464	60,117	34,936	7,504	
17	Benton Coal Mining Co., No. 1.....	Benton.....	49,535	38,325	34,084	33,023	24,026
18	Black Star Coal Co., Logan.....	Logan.....	31,090	33,800	30,900	27,154	11,000

Continued

put of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
		25,362	164,073	256,232	C. G. W.		248,487		3
		14,089	123,178	163,993	Mo. & Ill.	19,662	122,271		4
					M. & O.	15,512			
		60,641	10,000	161,601	I. C.	104,864			5
13,825	16,530			109,012	M. I.	52,432			6
		31,293		104,242	I. C.	105,387			7
					I. C.	97,400			
		14,699	5,041	53,467	I. C.	40,782			8
		4,715	17,022	26,474	Mo. & Ill.	9,263			9
			1,706	1,706	M. & O.	10,902	14,792		10
					M. & O.	542			
58,969	16,530	156,893	883,298	1,551,295		518,202	943,824		
			250,057	669,017	C. B. & Q.		645,179		1
			39,400	39,400	I. C.	12,190			2
		500		1,250	L. & N.	12,000		15,000	3
					I. C.	1,250			
		500	289,457	709,667		25,440	645,179	15,000	
39,267	102,104	238,694	43,907	1,096,669	C. B. & Q.	534,973	151,692		1
					C. E. & I.	247,302	2,822		
					I. C.	122,480	7,476		
84,998	179,403	163,537	5,688	1,061,178	Mo. Pac.	92,958		1,038	2
					I. C.	332,319	1,362		
		16,114	609,988	633,233	C. B. & Q.	547,744	45,000		3
					Mo. Pac.	981	611,754		
8,489	13,127	259,467	20,090	544,052	Mo. Pac.	3,624	20,971		4
					C. B. & Q.	209,800	190,200		
					I. C.	96,212	9,468		
26,544	96,522	29,922	48,781	531,393	I. C.	136,572			5
					C. B. & Q.	222,859	31,803		
22,906	9,561	240,438	1,668	526,906	Mo. Pac.	114,361	25,798		6
					C. B. & Q.	439,977	55,417		
					C. B. & Q.	319,347	8,927		
37,121	99,312	4,069	5,694	507,724	C. & E. I.	133,708	2,524		7
					I. C.	25,726			
					Mo. Pa.	288			
					C. W. & I.		826		
					C. B. & Q.	226,016	10,207		12
40,161	106,544	29,139	9,954	488,370	C. & E. I.	9,021			
					I. C.	196,621	90		8
					C. W. & I.		87		
					C. & E. I.	59,465			
					I. C.	93,588			
27,223	34,995	120,268	25,874	442,250	C. B. & Q.	187,753	100,000		9
					Mo. Pac.	1,444			
		206,610	13,396	425,247	I. C.	396,823	12,980		10
			419,849	419,849	I. C.	53,254			11
		154,391	137,651	391,347	C. B. & Q.		386,355		12
					C. B. & Q.	205,184	41,307		13
1,259	5,901	154,164	6,335	378,381	I. C.	110,969			14
		115,579	83,672	320,007	C. B. & Q.	200,877	102,315		15
					I. C.	101,561			
		141,316	11,177	304,739	Mo. Pac.	804			
					C. B. & O.	200,742			
		141,661	10,428	315,110	C. B. & Q.	275,572	24,221		16
					C. & E. I.	116,876	18,334		
15,365	37,025	36,591	25,350	293,322	I. C.	101,329	2,304		17
					Mo. Pac.	27,969	2,970		
15,890	23,800	61,310	29,850	264,794	C. B. & Q.	130,008	23,787		18
					I. C.	95,800			

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of output				
			Lump	Furnace	Small Egg	Stove	Chestnut
19	Old Ben Coal Corp., No. 16.....	Sesser.....	22,405	38,158	34,324	205	.....
20	By-Products Coke Corp., No. 18..	W. Frankfort..	22,430	35,551	.....	39,397	.....
21	Old Ben Coal Corp., No. 12.....	Christopher...	38,680	34,485	21,863	.....	.....
22	Benton Coal Mining Co., No. 2...	Benton.....	15,588	20,169	.....	13,516	6,080
23	Old Ben Coal Corp., No. 15.....	Ezra.....	16,645	37,842	.....	.....	.....
24	Old Ben Coal Corp., No. 19.....	Rend.....	9,087	12,197	6,886	1,335	536
25	By-Products Coke Corp., No. 19..	W. Frankfort..	4,096	3,820	1,849	1,760	.....
	Total.....		1,431,986	1,476,787	938,910	484,648	299,223
	Note—191,014 tons lost in preparation						
	GALLATIN COUNTY—ELEVENTH DISTRICT						
1	Hickory Hill Coal Co., Hickory Hill	Equality.....	.....	.....	.....	.....	.....
	SHIPPING MINES						
	SALINE COUNTY—ELEVENTH DISTRICT						
1	Harrisburg Colliery Co., Harco....	Harco.....	5,769	8,964	.....	7,863	.....
2	Big Creek Coals Co., No. 3.....	Harrisburg....	63,648	114,865	56,301	24,667	11,508
3	Wasson Coal Company, No. 1.....	Harrisburg....	47,981	73,371	50,224	.....	.....
4	Southern Counties Coal Co., No. 20	Eldorado.....	29,245	154,546	.....	7,825	.....
5	O'Gara Coal Co., No. 1.....	Harrisburg....	44,565	69,719	45,952	38	.....
6	Big Creek Coals Co., No. 2.....	Ledford.....	24,300	57,558	23,720	24,859	.....
7	O'Gara Coal Company, No. 10....	Eldorado.....	46,987	50,360	13,325	.....	.....
8	J. K. Dering Coal Co., No. 2.....	Eldorado.....	23,682	47,365	33,155	9,473	.....
9	O'Gara Coal Company, No. 3.....	Harrisburg....	26,965	2,259	.....	229	.....
10	O'Gara Coal Company, No. 8.....	Eldorado.....	41,035	42,428	18,970	.....	.....
11	O'Gara Coal Company, No. 11....	Eldorado.....	11,928	231	178	.....	.....
12	O'Gara Coal Company, No. 15....	Harrisburg....	36,605	53,780	253	.....	.....
13	Harrisburg Coal Mining Co., B. B.	Harrisburg....	23,136	29,731	19,456	.....	.....
14	O'Gara Coal Company, No. 12....	Harrisburg....	4,415	16,022	.....	.....	.....
15	Saline Gas Coal Co., No. 1.....	Harrisburg....	6,693	.....	.....	.....	.....
16	Wasson Coal Company, No. 2.....	Harrisburg....	8,059	5,743	1,509	.....	.....
17	Heato Coal Company, No. 1.....	Carriers Mills.	.....	.....	.....	.....	.....
18	Dodds Coal Company, No. 1.....	Carriers Mills.	.....	.....	.....	.....	.....
	Total.....		445,013	726,942	263,043	74,954	11,508
	Note—23,176 tons lost in preparation						
	WHITE COUNTY—ELEVENTH DISTRICT						
1	White County Mining Co., No. 1..	Norris City...	22,126	16,645	.....	.....	.....
	Total.....		22,126	16,645	.....	.....	.....
	WILLIAMSON COUNTY—TWELFTH DISTRICT						
1	Madison Coal Corp., No. 9.....	Dewmaine....	211,368	.....	114,463	.....	.....
2	Peabody Coal Co., No. 3.....	Marion.....	70,621	96,482	56,452	29,382	16,101

Continued

Output of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
		100,838	1,562	197,492	C. B. & Q.	91,259	86,297		19
		71,704	2,314	171,396	C. & E. I.	55,619			20
		70,751	3,266	169,046	I. C.	55,620			21
		43,419	23,864	122,636	C. B. & Q.	55,620			22
		56,342	1,134	111,964	C. B. & Q.	88,090	23,213		23
	544	35,184	1,098	66,867	I. C.	49,421	53		24
		10,821	2,585	24,931	C. & E. I.	53,187	20,971		25
					I. C.	28,769	172		
					Mo. Pac.	6,055	5,547		
					C. B. & Q.	100,542	8,980		
					C. & E. I.	224			
					I. C.	1,503			
					C. B. & Q.	32,129	26,722		
					C. & E. I.	13,842			
					I. C.	9,229			
421,007	708,838	2,502,329	1,545,175	9,808,903		7,014,016	2,062,961	1,087	
			62,261	62,261	L. & N.	59,485			1
		14,837	552,953	590,386	C. C. C. & St. L.	39,972	536,152		1
12,896	18,816	177,990	27,470	508,161	C. C. C. & St. L.	508,161			2
		128,772	51,856	352,204	C. C. C. & St. L.	340,894			3
		131,811	125	323,552	C. C. C. & St. L.	307,206			4
		122,130	39,136	321,540	C. C. C. & St. L.	296,557	20,028		5
		79,371	50,564	260,372	C. C. C. & St. L.	260,372			6
		117,697	27,098	255,467	I. C.	161,703	15,072		7
		123,151		236,826	C. C. C. & St. L.	24,926			8
		19,625	183,744	232,822	I. C.	227,290		1,049	9
		104,184	2,129	208,746	C. C. C. & St. L.	65,409	134,456		10
		71,488	114,782	198,607	C. C. C. & St. L.	182,143	6,445		11
		61,403	24,313	176,354	I. C.	73,070	116,075		12
		55,831	12,320	140,474	C. C. C. & St. L.	111,973	47,794		13
		14,508	6,284	41,229	C. C. C. & St. L.	139,577			14
		8,386	23,985	39,064	C. C. C. & St. L.	29,024	7,691		15
		13,734	3,357	32,402	C. C. C. & St. L.	23,487	15,577		16
			29,000	29,000	C. C. C. & St. L.	28,065			17
			23,475	23,475	S. I.	29,000			18
12,896	18,816	1,244,918	1,172,591	3,970,681	C. C. C. & St. L.	21,792			
		35,762	6,474	81,007	B. & O.	13,698		808	1
					C. C. C. & St. L.	56,172			
		35,762	6,474	81,007		69,870		808	
		164,418	80,416	570,665	I. C.	550,270			1
6,650	6,354	200,032	61,019	543,093	C. & E. I.	156,972			2
					I. C.	68,497			
					C. B. & Q.	295,755			
					Mo. Pa.	14,367	11,682	834	

TABLE 13—

Number	Name of operator	Postoffice address of the mines	Classification of out				
			Lump	Furnace	Small Egg	Stove	Chestnut
3	The Consolidated Coal Co., No. 7.	Herrin.....	48,242	86,378	43,121	34,735	31,376
4	C. W. & F. Mining Co., "A".....	Herrin.....	49,347	73,664	28,692	39,494	37,236
5	Big Muddy Coal Co., No. 26.....	Marion.....	166,805	3,160	.....	17,884	8,851
6	Pratt Brothers Co., Jeffery.....	Herrin.....	71,299	.....	11,523	.....	5,738
7	Freeman C. Mining Co.....	Herrin.....	58,800	59,305	41,106	13,067	.....
8	Consolidated Coal Co., No. 8. . .	Clifford.....	8,204	12,466	1,222	10,356	5,169
9	West Virginia Coal Co., No. 1. . .	Marion.....	.....	.....	.....	.....	.....
10	Ernest Coal Co., No. 1.....	Johnston City.....	31,419	45,722	56,943	.....	.....
11	Madison Coal Corp. No. 8.....	Dewmaine.....	17,473	.....	34,726	.....	.....
12	Consolidated Coal Co., Lake Creek	Johnston City.....	16,500	.....	50,342	.....	41,500
13	Searles Coal Co., McC.....	Johnston City.....	.....	.....	.....	.....	.....
14	Federal Coal Co., No. 25.....	Carterville.....	35,465	51,789	23,247	.....	.....
15	Old Ben Coal Corp., No. 18.....	Johnston City.....	31,100	41,612	30,022	2,690	48
16	St. Louis C. & Iron Co., B. B.....	Johnston City.....	23,852	43,807	37,427	.....	.....
17	Scranton C. Mining Co.....	Marion.....	14,223	26,652	31,973	.....	.....
18	Henderson Wallace Coal Co.....	Marion.....	9,626	19,253	.....	.....	31,287
19	Madison Coal Corp., No. 12.....	Cambria.....	.....	.....	.....	.....	.....
20	Taylor Coal Company, No. 2.....	Herrin.....	14,512	25,628	10,702	26,490	22,080
21	Slogo Coal Corp.....	Marion.....	18,048	27,252	16,782	21,065	.....
22	Johnston City W. C. Co.....	Whiteash.....	9,639	9,719	8,743	7,369	.....
23	Sandford Coal Co., No. 3.....	Marion.....	10,080	28,616	17,667	15,927	.....
24	C. B. M. C. & Mfg. Co.....	Marion.....	24,246	32,055	19,584	.....	.....
25	Old Ben Coal Corp., No. 20.....	Herrin.....	24,168	18,840	13,807	4,009	2,322
26	Cameron Coal Co.....	Marion.....	22,776	17,402	.....	18,891	.....
27	Old Ben Coal Corp., No. 17.....	Johnston City.....	13,599	22,310	7,170	5,316	242
28	Sunnyside Mining Co.....	Herrin.....	65,434	.....	.....	.....	.....
29	Orchard Coal Co.....	Marion.....	14,895	22,043	.....	18,615	.....
30	Security Coal Co.....	Marion.....	11,760	19,687	16,866	15,541	.....
31	Binkley Coal Co., No. 1.....	Marion.....	5,080	.....	13,550	.....	.....
32	Taylor Coal Co., No. 3.....	Herrin.....	10,752	18,407	8,635	.....	.....
33	Hofer Washed Coal Co.....	Carterville.....	8,287	9,724	12,638	.....	.....
34	Ernest Coal Co., No. 2.....	Pittsburg.....	7,990	14,620	20,173	.....	.....

Continued

Output of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
					C. B. & Q.	95,157			
					Mo. Pac.	47,222	5,913		
49,018	47,446	79,704	28,546	448,566	I. C.	261,918	1,079		3
					Cotton Belt		11,396		
35,659	46,512	82,097	1,689	394,390	C. B. & Q.	269,395	17,676		
8,218		173,233	13,843	391,994	I. C.	61,531			4
					Mo. Pac.	21,041	1,271		
					C. & E. I.	184,780			5
					I. C.	201,967			
		64,975	197,409	350,944	C. B. & Q.	58,173	130,237		
					I. C.		130,000		6
					Mo. Pac.		27,876		
		148,625	7,078	327,980	C. B. & Q.	187,909	1,448		7
					I. C.	121,786			
					C. B. & Q.	4,563			
6,909	15,396	16,041	240,145	315,908	Mo. Pac.	37,018	8,965		
					I. C.	16,482			8
					Cotton Belt		229,273		
			320,520	320,520	Mo. Pac.		311,844		9
		92,346	86,426	312,856	C. B. & Q.	303,527			10
		30,440	217,381	300,020	I. C.	284,758			11
					Mo. Pac.	96,298	87,379		
		105,500	70,250	284,092	I. C.	88,431			12
			281,600	281,600	Mo. Pac.	265,669			13
		147,188	20,604	278,293	I. C.	271,847			14
					C. B. & Q.	105,005	11,591		
		120,786	44,394	270,652	C. & E. I.	90,566	36,378		15
					I. C.	17,076			
		110,309	13,609	229,004	I. C.	96,853	402		16
					C. & E. I.	128,065			
					Mo. Pac.	125,401	45,548		
		76,218	57,213	206,279	I. C.	34,824			17
					Mo. Pac.	41,260	64,425		
		57,760	64,425	182,351	I. C.	53,425			18
					C. & E. I.	23,241			
			184,092	184,092	I. C.	178,169			19
					I. C.	127,618			
32,877	22,763		4,938	159,990	Mo. Pac.	20,873			20
					C. B. & Q.	6,287			
137		65,116	14,460	162,860	Mo. Pac.	143,420	19,440		21
					C. & E. I.	35,803			
		35,997	96,488	167,956	Mo. Pac.	30,758	43,071		22
					I. C.	9,169	42,200		
		54,485	34,041	160,816	M. & E.	148,222		4,346	23
					C. & E. I.	32,356	599		
		67,093	12,373	155,351	Mo. Pac.	13,640	5,982		24
					C. B. & Q.	66,254	33,352		
					C. B. & Q.	80,427	22,855		
	5,749	67,429	1,139	137,473	I. C.	23,860			25
					I. C.	79,937			
		59,332	12,319	130,720	C. & E. I.	21,632			26
					Mo. Pac.	24,377			
					C. & E. I.	36,604	16,164		
		59,743	19,579	127,959	I. C.	63,739			27
					Mo. Pac.	3,942			
					I. C.	23,053	50,952		
		44,789	18,332	128,555	C. B. & Q.	36,466	4,266		28
					M. & E.	82,881	581		
		52,053	12,888	120,494	Mo. Pac.	10,383	6,590		29
					C. & E. I.	20,059			
					Mo. Pac.	59,101			
	328	37,755	15,616	117,553	C. B. & Q.	56,122			30
		15,247	75,000	108,877	C. B. & Q.	33,877	75,000		31
					I. C.	88,798			
		52,967	5,786	96,547	Mo. Pac.	7,749			32
					I. C.	61,858	2,146		
		42,509	13,975	87,133	Mo. Pac.	7,420	11,829		33
		32,206	13,224	88,213	M. & E.	82,664			34

TABLE—13

Number	Name of operator	Postoffice address of the mines	Classification of out				
			Lump	Furnace	Small Egg	Stove	Chestnut
35	Southern Ill. Coal Co.	Marion.....					
36	Carterville & B. M. C. Co., Johns..	Herrin.....	13,095		11,555	19,259	
37	Taylor Coal Company, No. 1.	Herrin.....	4,813	10,220	5,870	6,319	
38	C. W. & F. Mining Co., "B"	Herrin.....	7,127	11,347	6,654	5,282	
39	Sunrise Coal Co.	Cambria.....					
40	New Prosperity, Coal Co., No. 1.	Herrin.....	4,694				
41	Coal Belt Coal Co.	Marion.....					
42	Hampton Coal Co., No. 1.	Carterville....					
43	Duncan Coal Co., Dale.....	Herrin.....	3,708				
44	Leah Coal Co., No. 1.	Cambria.....	6,807				
45	Watson Coal Company, No. 2.	Herrin.....					
46	Carterville B.D.C.Co., Bl'k. Diam'd	Herrin.....					
47	Herrin & Big Muddy Coal Co.	Herrin.....					
48	Carterville Fuel Co.	Herrin.....					
49	Vulcan Coal Co.	Marion.....					
50	Watson Coal Co., No. 3.	Herrin.....					
Total.....			1,165,854	848,160	750,655	311,691	201,960
Note—123,565 tons lost in preparation							

Concluded

put of mines in tons					Initials of railroads	Tons loaded on cars for shipment	Tons sold to railroad compa- nies	Tons supplied to loco- motives	Number
Pea coal	Carbon	Screen- ings	Mine run	Total					
			84,500	84,500	Mo. Pac.		76,050		35
		33,125		77,034	C. B. & Q.	8,450			36
					I. C.	68,900	766		37
		26,439	8,414	62,075	Mo. Pac.	16,296			38
					I. C.	43,000			39
					C. B. & Q.	2,640			40
					C. B. & Q.	42,189	6,080		41
		27,871	182	58,463	I. C.	7,026			42
			30,430	30,430	I. C.	28,411			43
		8,475	8,370	21,539	I. C.	20,914			44
			19,734	19,734	Mo. Pac.	19,634			45
			13,065	13,065	I. C.	11,500			46
					I. C.	3,457			47
		4,548	4,309	12,565	Mo. Pac.	4,798			48
		3,181	584	10,572	I. C.	10,488			49
			10,073	10,073	C. B. & Q.	9,600	383		50
			3,111	3,111	Mo. Pac.	99	2,813		51
			2,700	2,700	C. & E. I.	2,400			52
			2,389	2,389	I. C.	438	1,853		53
			1,860	1,860	C. & E. I.	860			54
			1,543	1,543	C. B. & Q.	1,543			55
139,468	144,548	2,460,032	2,533,081	8,555,449		6,701,204	1,557,355	5,180	

TABLE 14—SUMMARY OF THE COMMERCIAL CLASSIFICATION

County	Number of Mines	Classification of out				
		Lump	Furnace	Smallegg	Stove	Chestnut
Bureau.....	5	124,679	170,357			
Grundy (a).....	2	95,390	20,192	19,524	7,658	
LaSalle.....	6	110,590	79,657			
Livingston.....	2	11,068		5,703	1,709	
Mercer.....	2	17,502				
Putnam.....	2	19,665	6,205	24,040		
First District (a).....	19	378,894	276,411	49,267	9,367	
(a)—13,567 tons lost in preparation						
Marshall.....	2	54,925		6,609	7,691	
Peoira.....	13	143,982	137,243	998		
Tazewell.....	6	157,125	51			
Woodford.....	2	49,236	20,942			
Second District (b).....	23	405,268	158,236	7,607	7,691	
(b)—7,445 tons lost in preparation						
(c)—16,494 tons shipped by boat						
Fulton—Third District (d)...	21	221,727	361,547	17,329	1,059	
(d)—2,153 tons lost in preparation						
Logan.....	2	123,824	31,145		23,403	
Menard.....	1	16,796	25,729			3,000
Sangamon.....	26	1,645,437	1,453,619	60,090	57,039	436
Fourth District (e).....	29	1,786,057	1,510,493	60,090	80,442	3,436
(e)—1,395 tons lost in preparation						
Christian.....	9	757,979	154,114	41,224	29,321	8,545
Macon.....	3	85,266		13,461		
Moultrie.....	1	33,754	22,945			
Shelby.....	1	23,900		8,224	1,343	
Vermilion.....	15	574,490	99,333	14,700	44,535	
Fifth District (f).....	29	1,475,389	276,392	77,609	75,199	8,545
(f)—16,370 tons lost in preparation						
Macoupin.....	15	550,825	561,428	31,484	10,675	23,281
Montgomery.....	7	543,995	224,260	75,511	63,706	
Sixth District (g).....	22	1,094,820	785,688	106,995	74,381	23,281
(g)—24,361 tons lost in preparation						
Bond.....	1	54,358	42,380	13,844	2,768	
Madison.....	17	1,030,981	310,949	114,403	39,122	98,286
Marion.....	3	199,382	121,022	10,197		
Seventh District (h).....	21	1,284,721	474,351	138,444	41,890	98,286
(h)—22,741 tons lost in preparation						
Clinton.....	5	173,433		85,481	3,662	
St. Clair.....	47	1,444,129	246,952	105,480	38,268	19,839
Eighth District (i).....	52	1,617,562	246,952	190,961	41,930	19,839
(i)—55,699 tons lost in preparation						

OF THE OUTPUT OF SHIPPING MINES, BY COUNTIES

put of mines in tons				Total	Number of rail- roads	Tons loaded on cars for shipment	Tons Sold to railroad com- panies	Tons supplied to loco- motives
Pea Coal	Carbon	Screenings	Mine Run					
		74,388	98,424	467,848	3	60,837	306,243	15,210
	34,025	11,436		188,225	3	167,085		
		58,254	42,348	290,849	5	173,687	20,850	3,203
		7,907	12,255	38,642	4	10,846		8,980
		4,319	100,663	122,484	1	31,381	85,610	
		5,965	123,386	179,261	1	19,305	135,512	1,326
	34,025	162,269	377,076	1,287,309	12	463,141	548,215	28,719
		13,116	111,100	193,441	3	51,811	88,621	29,473
		171,679	490,210	944,112	5	c564,038	366,509	
		89,894	360,811	607,881	4	87,440	478,042	655
	4,800	11,626	18,113	104,717	2	49,926	24,343	3,656
	4,800	286,315	980,234	1,850,151	10	753,215	957,515	33,784
450	705	346,864	259,669	1,209,350	4	632,946	540,606	
		74,560	79,331	332,263	2	184,280	35,936	21,949
		27,834	7,003	80,362	1	49,169	24,653	
4,406	7,983	1,658,190	903,653	5,790,853	9	3,485,025	1,904,325	1,950
4,406	7,983	1,760,584	989,987	6,203,478	9	3,718,474	1,964,914	23,899
4,279	848	529,139	1,255,070	2,780,519	6	2,105,891	499,371	37,374
	3,919	36,675	62,005	201,326	4	37,484		
		36,913	58,824	152,436	2	46,620	86,870	
728		17,307	1,512	53,014	1	42,677		
	320	497,344	1,535,041	2,765,763	7	1,385,583	1,296,962	
5,007	5,087	1,117,378	2,912,452	5,953,058	9	3,618,255	1,883,203	37,374
23,553	27,271	645,212	3,543,952	5,417,681	6	1,457,764	3,729,710	13,914
		577,449	590,309	2,075,230	3	1,174,964	791,084	
23,553	27,271	1,222,661	4,134,261	7,492,911	10	2,632,728	4,520,794	13,914
		75,566		188,916	1	138,440	42,380	
	1,933	817,949	656,223	3,069,846	8	2,250,149	575,268	818
		216,006	133,667	680,274	3	418,136	207,573	
	1,933	1,109,521	789,890	3,939,036	11	2,806,725	825,221	818
		166,888	318,324	747,788	2	559,450	86,366	37,220
18,956	18,325	867,560	1,742,284	4,501,793	7	3,323,634	928,105	84,284
18,956	18,325	1,034,448	2,060,608	5,249,581	7	3,883,084	1,014,471	121,504

TABLE 14—

County	Number of Mines	Classification of out				
		Lump	Furnace	Small egg	Stove	Chestnut
Jackson.....	9	109,718	91,495	77,720	13,627	.....
Perry.....	17	386,512	396,602	133,147	33,662	19,510
Randolph.....	10	288,180	73,252	39,329	34,844	.....
Washington.....	3	72,331	347,379	.....	.....	.....
Ninth District (j).....	39	856,741	908,728	250,196	82,133	19,510
(j)—30,642 tons lost in preparation						
Franklin—Tenth District (k).....	25	1,431,986	1,476,787	938,910	484,648	299,223
(k)—191,014 tons lost in preparation						
Gallatin.....	1	.....	.....	.....	.....	.....
Saline.....	18	445,013	726,942	263,043	74,954	11,508
White.....	1	22,126	16,645	.....	.....	.....
Eleventh District (l).....	20	467,139	743,587	263,043	74,954	11,508
(l)—23,176 tons lost in preparation						
Williamson—						
Twelfth District (m).....	50	1,165,854	848,160	750,655	311,691	201,960
(m)—123,565 tons lost in preparation						

TABLE 15—SUMMARY OF THE COMMERCIAL CLASSIFICATION

County	Number of Mines	Classification of out				
		Lump	Furnace	Small Egg	Stove	Chestnut
First district.....	19	378,894	276,411	49,267	9,367	.....
Second district.....	23	405,268	158,236	7,607	7,691	.....
Third district.....	21	221,727	361,547	17,329	1,059	.....
Fourth district.....	29	1,786,057	1,510,493	60,090	80,442	3,436
Fifth district.....	29	1,475,389	276,392	77,609	75,199	8,545
Sixth district.....	22	1,094,820	785,688	106,995	74,381	23,281
Seventh district.....	21	1,284,721	474,351	138,444	41,890	98,286
Eighth district.....	52	1,617,562	246,952	190,961	41,930	19,839
Ninth district.....	39	856,741	908,728	250,196	82,133	19,510
Tenth district.....	25	1,431,986	1,476,787	938,910	484,648	299,223
Eleventh district.....	20	467,139	743,587	263,043	74,954	11,508
Twelfth district.....	50	1,165,854	848,160	750,655	311,691	201,960
The State (n).....	350	12,186,158	8,067,332	2,851,106	1,285,385	685,588
(n)—512,128 tons lost in preparation						

Concluded

put of mines in tons				Total	Number of railroads	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives
Pea Coal	Carbon	Screenings	Mine Run					
.....	11,431	242,656	388,113	934,760	3	875,867	1,158	.....
16,562	35,518	521,212	492,343	2,035,068	3	1,497,701	399,583	36,302
58,969	16,530	156,893	883,298	1,551,295	4	518,202	943,824	.....
.....	.....	500	289,457	709,667	3	25,440	645,179	15,060
75,531	63,479	921,261	2,053,211	5,230,790	7	2,917,210	1,989,744	51,302
421,007	708,838	2,502,329	1,545,175	9,808,903	4	7,014,016	2,062,961	1,087
.....	.....	.....	62,261	62,261	1	59,485	.....	.....
12,896	18,816	1,244,918	1,172,591	3,970,681	2	2,870,621	899,290	1,049
.....	.....	35,762	6,474	81,007	2	69,870	.....	808
12,896	18,816	1,280,680	1,241,326	4,113,949	4	2,999,976	899,290	1,857
139,468	144,548	2,460,032	2,533,081	8,555,449	5	6,701,208	1,557,353	5,180

OF THE OUTPUT OF SHIPPING MINES, BY DISTRICTS

put of mines in tons				Total	Number of railroads	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives
Pea Coal	Carbon	Screenings	Mine Run					
.....	34,025	162,269	377,076	1,287,309	12	463,141	548,215	28,719
.....	4,800	286,315	980,234	1,850,151	10	753,215	957,515	33,784
450	705	346,864	259,669	1,209,350	4	632,046	540,606	.....
4,406	7,983	1,760,584	989,987	6,203,478	9	3,718,474	1,964,914	23,899
5,007	5,087	1,117,378	2,912,452	5,953,058	9	3,618,255	1,883,203	37,374
23,553	27,271	1,222,661	4,134,261	7,492,911	10	2,632,728	4,520,794	13,914
.....	1,933	1,109,521	789,890	3,939,036	11	2,806,725	825,221	818
18,956	18,325	1,034,448	2,060,608	5,249,581	7	3,883,084	1,014,471	121,504
75,531	63,479	921,261	2,053,211	5,230,790	7	2,917,210	1,989,744	51,302
421,007	708,838	2,502,329	1,545,175	9,808,903	4	7,014,016	2,062,961	1,087
12,896	18,816	1,280,680	1,241,326	4,113,949	4	2,999,976	899,290	1,857
139,468	144,548	2,460,032	2,533,081	8,555,449	5	6,701,208	1,557,353	5,180
701,274	1,035,810	14,204,342	19,876,970	60,893,965	.....	38,140,978	18,764,287	319,438

TABLE 16—RELATIVE RANK OF COUNTIES PRODUCING 1,000,000 TONS OF COAL OR MORE FOR 5 YEARS—1918-1922

County	1922		1921		1920		1919		1918	
	Rank		Rank		Rank		Rank		Rank	
Franklin.....	1	9,999,917	1	12,723,700	1	11,299,280	1	11,332,912	1	12,007,397
Williamson.....	2	8,735,964	2	10,784,752	2	9,631,386	2	10,052,578	2	11,655,101
Sangamon.....	3	5,833,494	4	6,903,733	3	6,877,547	3	6,663,877	3	8,155,734
Macoupin.....	4	5,444,507	3	7,516,222	4	6,844,049	4	6,104,287	5	7,095,366
St. Clair.....	5	4,725,654	5	6,280,668	5	5,280,768	5	5,989,187	4	7,868,449
Saline.....	6	4,009,904	6	4,245,132	6	4,539,853	6	4,631,320	6	5,670,832
Madison.....	7	3,118,419	7	4,215,640	7	3,882,620	7	3,929,544	7	5,188,768
Vermilion.....	8	3,011,164	10	3,160,552	8	2,408,900	8	3,299,446	9	3,971,330
Christian.....	9	2,791,110	9	3,216,066	10	2,608,052	9	3,034,111	10	3,221,234
Montgomery.....	10	2,078,948	8	3,226,218	9	3,006,491	10	2,971,796	8	4,340,675
Perry.....	11	2,071,447	11	2,561,064	11	2,408,900	11	2,696,984	11	2,937,237
Randolph.....	12	1,593,231	13	1,893,944	13	1,278,283	14	1,383,944	13	1,599,718
Fulton.....	13	1,467,577	12	2,019,968	12	2,313,975	12	1,937,881	12	2,792,950
Peoria.....	14	1,165,923	16	1,095,223	14	1,244,013	15	1,039,128	14	1,483,496

TABLE 17—COAL PRODUCING COUNTIES OF THE STATE, SHOWING NUMBER OF DISTRICT, MINES, MEN AND TONS, ALL MINES, SHIPPING MINES, LOCAL MINES, 1922

County	Dis- trict	All mines			Shipping mines			Local mines		
		Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons
Bond.....	7	1	284	189,197			189,197			
Bureau.....	1	10	1,891	489,846	5	1,848	467,848	5	43	21,998
Cass.....	3	4	16	6,912				4	16	6,912
Christian.....	5	11	3,634	2,791,110	11	3,634	2,791,110			
Clinton.....	8	5	1,342	747,788	5	1,342	747,788			
Franklin.....	10	25	14,840	9,999,917	25	14,840	9,999,917			
Fulton.....	3	229	3,165	1,467,577	21	2,404	1,211,503	208	761	256,074
Gallatin.....	11	9	202	66,896	1	179	62,261	8	23	4,635
Greene.....	6	1	24	3,041				1	24	3,041
Grundy.....	1	7	529	209,150	2	497	201,792	5	32	7,358
Hancock.....	3	6	38	4,825				6	38	4,825
Henry.....	1	17	92	35,606				17	92	35,606
Jackson.....	9	28	1,725	993,240	9	1,617	941,002	19	108	52,238
Jersey.....	6	1	4	1,500				1	4	1,500
Johnson.....	12	3	9	5,825				3	9	5,825
Knox.....	3	41	142	54,612				41	142	54,612
LaSalle.....	1	37	1,334	437,867	6	1,010	290,849	31	324	147,018
Livingston.....	1	10	229	90,203	2	119	38,642	8	110	51,561
Logan.....	4	2	583	332,444	2	583	332,444			
Macon.....	5	3	444	201,326	3	444	201,326			
Macoupin.....	6	17	7,463	5,444,507	15	7,443	5,438,324	2	20	6,183
Madison.....	7	26	4,397	3,118,419	17	4,319	3,084,848	9	78	33,571
Marion.....	7	3	1,104	687,732	3	1,104	687,732			
Marshall.....	2	23	763	214,544	2	681	193,441	21	82	21,103
McDonough.....	3	46	146	20,030				46	146	20,030
McLean.....	2	1	87	29,505				1	87	29,505
Menard.....	4	11	260	131,386	1	178	80,362	10	82	51,024
Mercer.....	1	18	369	163,599	2	265	122,484	16	104	41,115
Montgomery.....	6	7	3,460	2,078,948	7	3,460	2,078,948			
Moultrie.....	5	1	213	152,436	1	213	152,436			
Morgan.....	4	3	11	860				3	11	860
Peoria.....	2	84	2,050	1,165,923	13	1,555	951,338	71	495	214,585
Perry.....	9	29	3,366	2,071,447	17	3,317	2,057,813	12	49	13,634
Putnam.....	1	2	833	179,261	2	833	179,261			
Randolph.....	9	15	2,262	1,593,231	10	2,020	1,551,295	5	42	41,936
Rock Island.....	1	9	130	65,667				9	130	65,667

TABLE 17—Concluded

County	Dis- trict	All mines			Shipping mines			Local mines		
		Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons
Saline.....	11	28	5,901	4,009,904	18	5,861	3,993,857	10	40	16,047
Sangamon.....	4	31	8,465	5,833,494	26	8,392	5,792,067	5	73	41,427
Schuyler.....	3	43	105	30,977				43	105	30,977
Scott.....	4	13	35	6,073				13	35	6,073
Shelby.....	5	6	164	67,740	1	127	58,147	5	37	9,593
Stark.....	2	14	57	13,514				14	57	13,514
St. Clair.....	8	66	7,004	4,725,654	47	6,738	4,557,492	19	266	168,162
Tazewell.....	2	9	949	669,721	6	846	608,100	3	103	61,621
Vermilion.....	5	78	4,035	3,011,164	15	3,629	2,766,409	63	406	244,755
Wabash.....	11	1	2	500				1	2	500
Warren.....	3	7	32	6,135				7	32	6,135
Washington.....	9	6	864	715,742	3	843	711,322	3	21	4,420
White.....	11	1	188	81,007	1	188	81,007			
Will.....	1	1	60	18,144				1	60	18,144
Williamson.....	12	78	12,545	8,735,964	50	12,425	8,679,014	28	120	56,950
Woodford.....	2	2	243	104,717	2	243	104,717			
Total.....		1,133	98,090	63,276,827	352	93,681	61,406,093	781	4,409	1,870,734

TABLE 18—NUMBER OF MINES, AVERAGE DAYS WORKED, MEN EMPLOYED AND TONS MINED EACH YEAR, BY COUNTIES

[illegible]

TABLE 18—Continued

Year	Clinton				Edgar				Franklin				Fulton				Gallatin				Greene			
	Mines	Men	Tons		Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons
1882	1	75	40,000																					3,260
1883	2	129	48,000																					7,005
1884	2	265	61,389	1	256	61	21,419																	15,840
1885	3	250	61,537	1	192	55	18,022																	12,172
1886	(a)	165	55,238	(a)	(a)	(a)	(a)																	12,578
1887	3	208	66,363	(a)	(a)	(a)	(a)																	14,494
1888	3	196	236	121,557	(a)	(a)	(a)																	19,048
1889	3	245	255	170,416	(a)	(a)	(a)																	11,714
1890	3	202	232	174,166	(a)	(a)	(a)																	16,442
1891	3	213	277	191,873	(a)	(a)	(a)																	19,870
1892	3	196	234	255,095	(a)	(a)	(a)																	10,995
1893	3	168	273	200,920	(a)	(a)	(a)																	18,600
1894	3	200	401	284,487	(a)	(a)	(a)																	11,345
1895	3	200	321	309,504	(a)	(a)	(a)																	8,270
1896	4	168	369	328,184	(a)	(a)	(a)																	7,200
1897	4	188	467	417,584	(a)	(a)	(a)																	8,520
1898	6	159	467	434,735	(a)	(a)	(a)																	14,370
1899	6	209	643	535,601	(a)	(a)	(a)																	14,020
1900	6	212	790	644,664	(a)	(a)	(a)																	13,233
1901	6	218	1,007	724,462	1	90	800																	9,407
1902	6	228	941	870,518	(a)	(a)	(a)																	4,497
1903	6	238	941	925,515	1	230	13																	10,904
1904	6	194	1,041	925,515	2	118	17																	14,659
1905	7	194	1,202	904,826	2	118	17																	8,016
1906	7	164	1,183	770,689	2	95	14																	3,830
1907	7	205	1,350	1,061,410	1	80	6																	15,564
1908	7	186	1,488	1,152,670	1	100	5																	12,160
1909	7	158	1,486	1,051,108	1	100	5																	4,660
1910	4	196	1,422	1,000,935	1	60	371																	6,428
1911	5	178	1,313	1,000,536	1	60	371																	5,340
1912	5	165	1,315	1,012,982																				8,848
1913	5	168	1,315	1,036,303																				1,902
1914	5	159	1,312	1,092,164																				9,569
1915	4	193	1,230	1,142,264																				3,041
1916	4	233	1,249	1,395,588																				
1917	5	178	1,401	1,426,594																				
1918	5	202	1,323	1,429,569																				
1919	5	193	1,436	1,435,090																				
1920	5	148	1,371	1,092,882																				
1921	5	152	1,321	1,165,050																				
1922	5	96	1,342	747,788																				

TABLE 18—Continued

Year	Grundy				Hamilton				Hancock				Henry				Jackson				Jefferson			
	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons
1882..	22	(a)	1,497	506,402	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1883..	22	(a)	1,610	526,888	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1884..	29	220	2,289	713,234	5	142	36	4,555	29	(a)	693	223,578	4	(a)	705	192,826	4	(a)	705	192,826	4	(a)	705	192,826
1885..	22	169	2,741	776,625	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1886..	22	(a)	..	776,625	6	166	59	8,550	23	191	565	137,817	11	179	688	251,644	..	..	..	..	..	..	..	..
1887..	(a)	..	792,954	..	(a)	..	(a)	6,208	28	196	426	108,831	14	205	774	445,575	..	..	..	..	..	..	..	..
1888..	23	179	2,642	862,866	6	170	45	6,515	28	196	426	108,831	14	205	774	445,575	..	..	..	..	..	..	..	..
1889..	24	179	2,436	698,033	6	151	35	6,028	30	179	413	101,716	18	171	882	477,474	..	..	..	..	..	..	..	..
1890..	23	170	2,392	654,017	..	..	2	450	32	172	353	98,734	24	152	784	580,521	..	..	..	..	..	..	..	..
1891..	23	186	2,645	921,907	1	40	7	6,740	32	220	483	131,986	24	176	975	681,859	4	52	13	1,104	..	..	..	..
1892..	23	193	3,782	1,175,084	6	188	37	6,380	28	193	484	156,736	23	177	746	869,514	1	20	4	90	..	..	..	..
1893..	24	205	3,644	1,186,919	1	40	9	5,060	28	193	484	156,736	23	177	746	869,514	1	20	4	90	..	..	..	..
1894..	27	177	4,611	1,330,420	1	50	4	10,315	31	189	533	111,640	15	220	1,141	766,514	1	50	4	208	..	..	..	..
1895..	29	188	4,300	1,261,838	2	60	10	4,645	32	196	560	135,967	14	203	1,171	739,661	2	155	41	27,880	..	..	..	..
1896..	27	168	4,041	1,261,838	3	63	12	4,071	31	185	466	136,415	16	176	1,120	771,384	2	125	59	10,100	..	..	..	..
1897..	26	150	3,248	1,077,576	5	52	8	4,160	29	192	461	159,049	21	170	1,043	675,211	2	141	71	51,355	..	..	..	..
1898..	20	173	3,127	796,249	3	68	11	5,600	30	173	461	159,049	21	170	1,043	675,211	2	146	57	40,060	..	..	..	..
1899..	22	215	3,298	1,280,332	5	75	8	4,842	33	177	283	91,765	27	189	1,225	875,711	2	146	57	40,060	..	..	..	..
1900..	24	220	3,098	999,863	2	68	11	4,480	35	187	304	103,589	28	180	1,099	911,245	2	146	57	40,060	..	..	..	..
1901..	23	232	3,000	993,092	3	63	8	4,840	35	187	304	103,589	28	180	1,099	911,245	2	146	57	40,060	..	..	..	..
1902..	25	233	3,417	1,083,332	2	70	9	8,400	34	172	204	103,589	28	180	1,099	911,245	2	146	57	40,060	..	..	..	..
1903..	22	237	3,703	1,457,938	2	63	6	6,192	35	194	307	113,097	30	188	1,097	855,086	2	166	66	48,738	..	..	..	..
1904..	25	238	3,703	1,457,938	2	63	6	6,192	35	194	307	113,097	30	188	1,097	855,086	2	166	66	48,738	..	..	..	..
1905..	24	193	3,347	1,326,109	1	(a)	20	2,000	6	193	40	12,270	29	190	364	151,887	18	213	1,246	862,641	3	147	55	29,967
1906..	24	200	2,869	1,170,625	..	..	..	..	5	187	40	11,560	32	188	399	159,019	20	167	1,323	802,101	3	147	55	29,967
1907..	22	215	2,726	1,327,197	1	197	19	1,594	34	165	407	173,587	18	155	1,217	704,363	2	127	50	10,060	..	..	..	..
1908..	20	234	2,540	1,174,482	3	236	20	6,086	30	154	368	147,482	23	150	1,165	637,090	2	134	50	25,045	..	..	..	..
1909..	20	223	2,699	1,177,075	3	231	15	6,447	25	176	311	133,920	20	184	1,099	650,033	3	112	39	18,840	..	..	..	..
1910..	19	201	2,437	927,152	3	249	16	10,009	25	165	326	135,633	21	167	1,099	665,385	2	86	37	8,517	..	..	..	..
1911..	15	192	1,747	601,393	1	222	14	2,439	22	154	287	135,811	26	158	1,184	648,551	2	96	40	10,732	..	..	..	..
1912..	13	204	1,712	756,388	..	..	..	..	7	2,920	23	138	232	87,171	21	150	1,158	724,374	2	96	48	8,038	..	..
1913..	12	183	1,151	427,515	3	220	10	2,822	22	139	143	44,819	20	163	984	749,445	1	123	83	28,129	..	..	..	..
1914..	7	190	1,028	420,616	4	134	23	3,511	15	197	122	51,983	16	147	996	622,318	1	177	33	19,646	..	..	..	..
1915..	4	200	744	333,682	3	255	18	4,160	13	223	116	50,019	20	163	984	749,445	1	123	83	28,129	..	..	..	..
1916..	5	111	745	305,000	8	200	19	3,965	12	249	93	45,951	18	176	1,025	818,571	..	..	..	..	..	..	..
1917..	3	253	709	408,064	1	165	18	3,776	13	230	116	57,646	20	203	1,211	975,141	..	..	..	..	..	..	..
1918..	4	230	672	412,162	4	176	21	3,656	14	197	92	38,708	24	165	1,348	1,146,176	..	..	..	..	..	..	..
1919..	6	180	493	246,956	4	179	21	5,961	12	185	67	30,654	19	150	1,385	927,221	..	..	..	..	..	..	..
1920..	7	170	482	277,914	20	185	67	5,961	12	185	67	30,654	19	150	1,385	927,221	..	..	..	..	..	..	..
1921..	6	171	435	204,366	4	159	23	3,250	11	195	69	27,383	25	166	1,519	1,204,949	..	..	..	..	..	..	..
1922..	7	135	529	209,150	6	130	38	4,825	17	175	92	35,606	28	148	1,725	993,240	..	..	..	..	..	..	..

TABLE 18—Continued

Year	Jersey			Johnson			Kankakee			Knox			LaSalle			Livingston			
	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons			
1882	4	(a)	16	2,300	7	(a)	50	27,000	37	(a)	216	33,836	65	(a)	2,996	1,169,030	17	(a)	695
1883	2	(a)	9	2,700	2	(a)	175	32,500	44	(a)	239	40,968	18	(a)	2,581	1,010,857	18	(a)	1,020
1884	5	176	13	2,920	2	135	368	63,000	46	158	71	43,467	33	164	2,903	1,064,384	12	169	541
1885	6	100	14	2,160	(a)	190	311	73,678	44	145	259	38,154	29	175	2,857	980,382	12	144	799
1886	8	886	(a)	2,684	(a)	(a)	(a)	97,000	(a)	(a)	(a)	64,324	(a)	(a)	(a)	1,125,235	(a)	(a)	387,600
1887	5	213	16	3,949	1	229	360	82,000	41	158	275	57,043	28	202	3,317	1,090,435	13	200	1,456
1888	3	199	17	4,040	1	171	270	67,380	46	168	281	57,582	29	168	3,311	1,039,703	12	174	445
1889	1	20	8	7,500	4	62	40	62,460	41	156	269	51,653	35	168	3,271	926,214	13	159	1,345
1890	3	286	14	4,252	2	73	10	424	46	176	239	44,974	28	193	3,787	1,378,168	12	202	1,256
1891	4	267	18	3,378	1	90	21	2,200	42	153	358	44,137	28	185	3,792	1,344,311	14	192	1,207
1892	4	278	21	5,904	(a)	(a)	(a)	88,700	39	162	344	49,338	28	211	3,409	1,494,826	14	196	1,207
1893	5	133	16	2,238	(a)	(a)	(a)	87,853	40	167	333	51,530	26	167	3,968	1,134,097	16	168	1,047
1894	(a)	(a)	(a)	(a)	3	152	343	83,513	33	168	415	58,330	31	182	3,691	1,084,552	15	193	789
1895	(a)	(a)	(a)	2,325	6	76	17	72,395	30	160	215	39,557	39	176	4,071	1,409,085	15	183	358
1896	(a)	(a)	(a)	(a)	6	97	18	180,683	29	197	181	41,773	39	154	3,671	1,508,833	15	183	358
1897	(a)	(a)	(a)	(a)	6	97	17	129,018	34	131	196	49,819	44	161	3,641	1,165,490	17	158	301
1898	1	210	4	1,680	5	104	16	190	42	137	167	43,214	42	182	3,566	1,975,939	15	167	314
1899	6	150	20	4,050	5	121	25	138,741	45	158	199	54,139	40	219	3,765	2,027,864	15	230	424
1900	8	118	19	2,800	5	124	27	86,745	39	157	244	78,362	35	228	3,724	1,833,561	16	205	533
1901	10	107	20	2,791	4	152	23	212	46	155	251	89,208	35	206	3,701	1,894,510	13	237	596
1902	8	73	17	3,053	5	109	11	51,901	35	165	279	84,575	35	214	3,617	1,877,555	14	217	645
1903	6	140	15	2,790	5	90	12	58,195	41	185	279	84,575	41	230	3,684	1,773,189	17	195	341
1904	7	136	22	3,441	3	100	14	53,405	46	138	296	89,992	45	190	3,787	1,696,853	13	213	501
1905	8	142	22	3,141	2	175	5	70,402	42	147	253	68,981	41	176	3,739	1,595,327	11	234	506
1906	(a)	(a)	(a)	2,040	2	68	13	28,419	46	146	207	63,386	41	176	3,739	1,595,327	11	234	506
1907	2	145	4	(a)	2	231	6	37,828	42	151	157	42,668	39	188	3,641	1,644,686	9	233	578
1908	(a)	(a)	(a)	3,400	3	125	11	17,801	39	135	174	44,070	38	207	3,741	1,626,931	8	227	453
1909	1	130	3	2,900	3	125	8	33,908	37	133	145	38,172	34	188	3,881	1,666,220	8	254	460
1910	1	200	4	1,600	3	149	9	8,435	37	133	145	38,172	34	188	3,881	1,666,220	8	254	460
1911	1	200	3	578	2	157	8	1,084	23	168	129	45,245	33	175	3,861	1,471,944	8	202	453
1912	1	200	3	800	3	123	10	3,871	23	163	129	45,245	36	175	3,640	1,605,482	8	204	155
1913	1	200	5	1,400	2	103	9	3,871	25	143	94	30,810	31	211	3,220	1,602,966	5	248	127
1914	1	200	4	12,000	3	131	12	3,070	22	140	76	18,162	32	205	3,003	1,456,780	6	200	131
1915	1	200	4	900	7	95	18	3,579	19	129	79	18,162	32	205	3,003	1,456,780	6	200	131
1916	1	200	4	900	3	127	11	1,981	20	136	82	17,140	37	167	2,609	1,170,200	5	240	162
1917	1	250	4	1,320	3	136	12	17,823	33	176	92	35,245	42	185	2,956	1,198,260	10	189	221
1918	1	250	4	1,390	4	156	13	5,510	33	176	92	35,245	42	185	2,956	1,198,260	10	189	221
1919	1	250	4	893	(a)	(a)	(a)	(a)	31	132	84	30,855	35	157	1,700	923,808	9	183	203
1920	1	200	3	640	2	200	10	3,300	25	166	101	34,753	36	181	1,465	865,357	9	184	234
1921	1	250	4	950	3	100	15	9,670	25	166	101	40,123	35	156	1,362	614,112	13	168	252
1922	1	200	4	1,500	3	107	6	9,825	41	135	142	54,612	37	136	1,334	437,867	10	157	229

TABLE 18—Continued

Year	Marion				Marshall				Menard				Mercer				Montgomery				Morgan			
	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons
1882	2	(a)	202	101,000	7	(a)	194	95,998	24	(a)	398	100,860	1	(a)	100	42,400	6	(a)	37	13,500				
1883	2	(a)	234	120,000	7	(a)	301	134,275	24	(a)	544	144,434	1	(a)	125	25,000	6	(a)	31	10,000				
1884	2	250	256	109,000	7	278	425	151,749	22	170	605	118,513	1	275	25	10,717	2	100	5	2,500				
1885	(a)																							
1886	2	245	342	109,434	8	220	307	127,464	19	152	529	103,329	1	168	28	8,666	3	200	22	6,255				
1887	(a)			98,915	(a)			155,621	(a)			167,708			(a)		10,220	(a)		(a)				
1888	5	223	448	156,975	16	200	412	181,025	21	150	574	167,931	2	181	47	14,295	3	224	45	6,669				
1889	5	189	449	180,777	14	145	357	59,784	10	208	396	181,621	21	150	627	24,425	3	233	64	12,543				
1890	5	241	426	218,499	13	142	312	56,574	10	208	407	230,662	21	153	658	238,290	3	271	152	16,019				
1891	6	252	592	321,652	13	170	309	65,219	11	178	566	204,583	20	181	686	214,360	4	201	34	7,610				
1892	6	203	602	376,519	11	134	244	78,576	10	192	392	285,695	18	166	656	328,542	3	263	74	4,266				
1893	6	233	716	480,529	12	166	277	92,144	10	542	281	635	19	181	710	363,206	3	258	27	1,142				
1894	6	234	646	478,757	17	129	92	134,696	9	188	575	295,852	15	205	782	374,003	3	221	355	1,088				
1895	6	244	710	538,900	10	179	539	277,738	15	197	968	462,011	4	188	412	197,842	3	100	20	1,560				
1896	6	249	794	643,561	12	912	389	429	11	198	620	347,365	18	162	1,078	450,071	4	204	420	(a)				
1897	6	223	697	626,850	14	154	965	339,820	11	181	516	328,920	16	169	857	425,518	5	201	435	(a)				
1898	6	221	828	716,813	14	160	831	380,365	10	165	468	314,160	17	171	814	384,345	6	208	450	(a)				
1899	6	198	927	494,117	12	171	681	342,578	10	208	570	427,939	17	189	790	496,591	6	213	511	354,201	2	218	13	1,800
1900	6	242	986	840,814	17	156	818	369,148	10	202	570	427,939	17	189	790	496,591	6	213	511	354,201	2	218	13	1,800
1901	6	237	1,019	829,326	18	173	852	386,334	12	180	614	393,777	18	196	958	563,603	5	196	590	328,251	2	248	13	4,010
1902	6	201	1,103	881,821	17	173	924	441,643	13	200	579	443,768	17	195	945	602,722	5	206	632	420,312	2	257	13	3,310
1903	6	198	1,146	1,002,947	15	170	907	465,029	16	219	667	492,328	16	205	912	648,070	5	220	632	420,312	2	257	13	3,310
1904	6	208	1,282	1,083,734	12	161	958	476,239	15	200	746	543,763	16	205	912	648,070	5	220	632	420,312	2	257	13	3,310
1905	7	172	1,371	1,086,350	13	158	1,092	510,968	16	176	821	448,433	17	198	922	544,220	8	185	747	468,198	5	148	15	4,300
1906	6	166	1,389	826,280	13	209	1,050	437,230	16	166	795	448,058	16	198	784	448,058	8	169	940	649,839	2	227	14	3,048
1907	7	241	1,192	1,084,783	13	195	953	471,725	14	188	658	393,896	16	193	784	448,058	8	169	940	649,839	2	227	14	3,048
1908	7	216	1,479	954,925	10	178	961	423,029	14	182	673	393,896	16	193	784	448,058	8	169	940	649,839	2	227	14	3,048
1909	7	171	1,549	1,065,268	8	209	978	423,029	15	140	587	278,058	17	173	654	296,087	11	171	681	382,368	3	203	13	2,498
1910	7	171	1,687	1,134,372	9	168	1,042	372,446	14	193	593	338,708	15	174	654	296,087	11	171	681	382,368	3	203	13	2,498
1911	7	171	1,687	1,134,372	9	168	1,042	372,446	14	193	593	338,708	15	174	654	296,087	11	171	681	382,368	3	203	13	2,498
1912	6	205	1,436	1,203,947	13	174	1,067	447,094	12	180	376	220,418	12	141	521	334,662	10	182	580	1,819,078	1	170	10	1,515
1913	6	197	1,446	1,188,551	12	159	1,047	468,600	12	155	342	169,119	13	156	565	421,593	10	166	629	2,448,329	1	181	4	956
1914	4	205	981	952,868	10	101	1,043	403,150	11	157	333	142,127	13	165	595	442,509	11	162	537	2,758,680	1	200	6	1,380
1915	4	203	991	961,037	12	93	1,041	390,408	9	185	101	43,039	12	164	551	372,254	8	183	618	2,719,138	2	111	6	855
1916	4	182	1,046	900,483	11	112	1,048	437,960	10	170	227	163,190	12	170	468	354,409	7	200	374	1,283,882	2	188	7	1,535
1917	4	194	1,045	1,088,619	15	120	989	472,600	9	215	247	97,283	13	172	381	264,452	9	193	576	3,641,676	2	206	6	1,000
1918	4	208	1,159	1,116,878	11	195	874	393,134	9	215	257	227,032	16	181	457	314,422	9	239	414	340,675	1	240	5	1,544
1919	3	221	1,091	906,871	11	162	788	248,153	9	204	239	165,933	15	179	385	235,668	9	163	818	2,971,706	1	300	5	2,604
1920	3	198	997	869,886	13	157	662	305,012	9	196	263	145,868	12	166	322	226,735	10	155	394	3,006,941	1	270	3	1,550
1921	3	186	1,063	841,989	19	124	656	259,240	9	230	256	159,394	16	148	319	229,953	10	171	570	3,399,718	1	103	3	3,250
1922	3	160	1,104	687,732	23	93	763	214,544	11	124	260	131,386	18	169	369	163,599	7	117	3,460	2,078,948	3	137	11	860

TABLE 18—Continued

Year	Moultrie			Peoria			Perry			Putnam			Randolph			Rock Island		
	Mines	Av. days	Men	Mines	Av. days	Men	Mines	Av. days	Men	Mines	Av. days	Men	Mines	Av. days	Men	Mines	Av. days	Men
1882..	60	(a)	963	419,087	13	(a)	541	276,845	..	..	..	..	11	(a)	129	186,267	10	493
1883..	35	(a)	944	515,458	15	(a)	589	299,305	..	..	..	..	14	(a)	170	68,560	11	549
1884..	63	202	1,172	452,078	15	200	579	255,868	..	..	..	..	9	182	132	46,535	21	184
1885b	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1886..	89	150	1,268	386,852	15	191	713	213,112	..	..	..	..	11	180	174	62,220	25	160
1887..	..	(a)	(a)	452,123	..	(a)	(a)	(a)	..	..	..	..	..	(a)	(a)	74,263	(a)	383
1888..	83	161	1,218	533,817	13	212	916	306,235	..	..	..	..	16	178	347	167,321	22	173
1889..	86	163	1,156	454,731	20	171	1,148	381,347	..	..	..	..	16	172	293	98,202	25	284
1890..	87	147	1,165	482,725	17	194	1,163	497,768	..	..	..	..	14	158	274	134,699	24	165
1891..	81	185	1,306	564,119	20	177	1,370	604,152	..	..	..	..	16	173	338	172,321	24	185
1892..	75	180	1,279	632,939	20	161	1,292	661,068	..	..	..	..	15	180	309	168,979	22	149
1893..	72	172	1,374	620,149	18	203	1,182	860,151	..	..	..	..	14	220	394	171,055	18	162
1894..	86	168	1,461	611,792	17	147	1,187	587,444	..	..	..	..	15	201	443	193,247	14	179
1895..	79	167	1,209	437,457	22	193	1,312	587,444	..	..	..	..	15	167	466	194,481	16	182
1896..	66	166	1,180	457,061	22	162	1,266	626,507	..	..	..	..	16	144	433	202,838	18	145
1897..	63	178	1,010	504,309	23	141	1,298	689,921	..	..	..	..	16	134	380	150,647	20	156
1898..	61	161	1,092	640,193	24	155	1,335	845,329	..	..	..	..	15	173	421	274,072	20	156
1899..	59	189	1,133	744,698	25	185	1,325	879,422	..	..	..	..	13	182	486	371,323	23	151
1900..	64	191	1,310	727,737	22	167	1,068	680,653	..	..	..	..	12	207	556	447,430	17	163
1901..	63	175	1,191	710,582	21	175	1,304	664,278	..	..	..	..	14	180	529	413,549	18	164
1902..	72	191	1,217	824,260	23	168	1,283	789,228	..	..	..	..	12	175	571	400,802	16	161
1903..	69	195	1,323	820,716	26	162	1,263	1,031,751	..	..	..	..	14	195	586	478,125	17	197
1904..	67	203	1,371	939,737	20	210	1,874	1,240,174	..	..	..	..	13	209	844	620,280	14	168
1905..	87	161	1,497	904,892	26	167	2,151	1,268,718	..	..	..	..	12	196	660	506,547	14	168
1906..	84	136	1,292	844,484	27	168	2,051	1,443,926	..	..	..	..	12	196	660	506,547	14	168
1907..	52	181	1,375	1,027,123	27	196	2,250	1,743,922	..	..	..	..	13	188	904	581,841	15	175
1908..	71	153	1,492	1,054,673	25	175	2,182	1,610,411	..	..	..	..	2	275	559	268,710	13	188
1909..	70	150	1,402	821,349	23	144	2,249	1,536,903	..	..	..	..	2	254	996	561,804	15	174
1910..	65	166	1,538	924,873	23	144	2,383	1,390,436	..	..	..	..	2	194	1,100	470,132	14	174
1911..	66	151	1,425	964,698	23	138	2,372	1,431,080	..	..	..	..	2	114	1,309	585,135	14	187
1912..	68	163	1,621	1,044,924	23	148	2,430	1,406,317	..	..	..	..	2	244	1,354	716,531	14	185
1913..	109	105,280	56	159,171	207,723	24	131	2,430	1,406,317	..	..	..	2	250	1,230	752,729	16	146
1914..	145	121,352	56	159,171	244,924	22	161	2,719	2,052,148	..	..	..	2	117	1,383	660,499	14	161
1915..	184	174,775	57	181,631	100,749	19	170	2,434	2,173,834	..	..	..	2	196	1,410	624,713	11	170
1916..	178	180,040	57	184,631	319,551	17	167	2,516	2,509,016	..	..	..	2	206	1,293	648,802	16	160
1917..	258	209	239,818	174,170	1,553,455	19	206	2,551	2,477,561	..	..	..	2	269	973	712,535	16	169
1918..	195	204,791	74	150,172	483,486	19	202	2,937	2,937,237	..	..	..	2	269	973	712,535	16	169
1919..	198	195	174,050	64	141,538	1,039,127	24	150	3,064	2,696,984	..	..	2	244	912	523,326	16	141
1920..	186	165,359	64	161,672	244,011	20	157	3,045	2,408,900	..	..	..	2	237	799	499,671	14	161
1921..	192	149,436	72	157,178	271,713	27	154	3,297	2,570,264	..	..	..	2	221	855	423,104	15	204
1922..	161	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1923..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1924..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1925..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1926..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1927..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1928..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1929..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1930..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1931..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1932..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1933..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1934..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1935..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1936..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1937..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1938..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1939..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1940..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1941..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1942..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1943..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1944..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1945..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1946..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1947..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1948..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1949..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1950..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1951..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	15	138
1952..	213	152,436	84	150,202	1,165,923	29	119	3,366	2,071,447	..	..	..	2	80	833	179,261	1	

TABLE 18—Continued

Year	St. Clair				Saline				Sangamon				Schuyler				Scott				Shelby			
	Mines	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	
1882...	79	(a)	1,583	865,685	3	(a)	162	348,320	13	(a)	1,006	632,835	8	(a)	38	5,115	13	(a)	107	19,924	5	(a)	27	2,100
1883...	83	(a)	2,315	790,522	3	(a)	182	270,128	12	(a)	1,269	861,620	(a)	(a)	47	12,876	13	(a)	55	18,806	5	(a)	50	8,184
1884...	70	213	1,899	1,067,270	7	199	205	95,967	15	270	1,435	820,326	5	210	47	10,280	8	187	61	10,280	6	228	68	10,205
1885...																								
1886...	68	212	1,879	1,012,723	7	148	286	69,921	17	203	1,312	720,153	5	180	52	10,123	5	237	48	8,349	7	200	46	7,952
1887...		(a)	1,018,149		(a)					(a)		730,391			(a)	22,686		(a)				(a)		8,810
1888...	73	194	2,189	1,184,579	10	135	127	32,556	18	210	1,639	764,970	6	168	121	34,403	4	279	61	12,491	9	160	48	7,943
1889...	86	185	2,047	1,198,100	9	140	139	35,496	18	233	1,768	846,012	6	168	72	16,243	4	262	64	15,028	4	191	31	7,010
1890...	75	198	1,825	1,332,978	18	96	155	45,845	18	233	1,573	879,888	5	166	62	21,836	11	192	71	20,022	8	172	54	18,023
1891...	67	230	2,021	1,595,839	15	197	177	54,269	19	228	1,640	1,051,604	6	175	93	20,122	7	211	58	14,755	5	210	43	14,197
1892...	66	238	2,061	1,759,820	8	142	150	61,602	20	225	1,765	1,091,014	5	169	61	16,792	7	159	69	17,506	6	218	54	15,665
1893...	64	243	2,032	1,733,870	7	189	133	36,436	21	225	2,027	1,410,346	7	161	80	16,792	4	239	59	22,757	6	182	74	13,460
1894...	60	204	2,020	1,623,684	5	98	103	36,913	23	176	2,060	1,142,299	10	100	72	13,828	8	188	68	17,025	12	149	142	26,450
1895...	57	202	2,050	1,479,106	6	181	132	45,202	25	180	2,052	1,318,092	11	130	69	12,600	8	188	76	17,730	14	154	203	63,726
1896...	67	205	2,030	1,671,323	16	124	141	40,495	26	188	2,043	1,587,812	11	125	43	7,915	7	160	55	18,410	13	110	188	35,297
1897...	63	213	1,910	1,718,194	16	93	127	51,689	26	194	2,014	1,838,453	11	150	38	7,841	5	156	66	25,125	12	156	181	69,329
1898...	63	192	2,169	1,600,752	15	79	144	100,005	25	188	2,320	1,763,863	10	146	37	11,149	5	147	55	21,337	8	168	152	68,388
1899...	65	210	2,125	1,849,474	18	101	173	94,148	26	210	2,507	2,083,572	11	199	43	11,132	4	222	53	20,617	7	205	173	105,765
1900...	62	208	2,462	2,253,883	16	115	222	148,060	28	223	3,164	2,519,911	17	200	66	13,100	9	134	64	26,149	8	159	212	116,100
1901...	67	228	2,805	2,518,847	15	103	231	148,701	30	218	4,318	3,672,987	18	134	63	14,690	11	141	72	27,486	8	159	212	116,100
1902...	70	210	3,128	2,578,553	16	110	279	224,014	30	218	4,318	3,672,987	20	163	80	18,240	13	137	74	23,937	8	159	212	116,100
1903...	69	218	3,173	3,134,679	16	163	455	354,172	30	230	4,909	4,386,526	15	132	69	18,400	15	198	81	24,652	11	190	297	132,413
1904...	69	206	3,681	3,418,469	17	165	378	299,720	34	214	5,730	4,516,358	15	150	68	18,400	15	198	81	24,652	11	190	297	132,413
1905...	74	175	4,037	3,998,032	9	141	418	327,262	36	181	5,885	4,395,050	18	140	84	16,332	14	157	72	14,876	12	250	285	121,212
1906...	83	189	4,479	4,168,019	22	110	1,008	601,979	40	137	6,294	4,155,431	14	70	77	16,332	8	203	45	19,938	11	202	365	126,664
1907...	79	186	5,125	4,435,070	24	171	2,093	711,825	38	191	6,347	4,876,621	11	152	37	17,222	9	175	69	21,364	11	154	331	143,308
1908...	77	167	5,078	4,413,639	26	188	3,450	482,677	37	181	6,553	5,082,626	13	130	49	11,835	11	173	89	13,262	9	168	347	165,289
1909...	66	160	4,634	4,409,362	25	152	4,077	798,527	35	166	6,989	5,334,148	12	179	50	17,372	10	171	43	5,757	9	203	434	164,095
1910...	72	182	5,454	4,884,555	28	137	4,110	662,098	36	171	6,995	5,153,322	13	146	40	12,582	10	182	35	5,318	6	237	358	154,393
1911...	72	183	5,879	5,274,006	32	125	3,914	232,736	36	166	7,347	4,716,406	2	225	5	1,892	11	163	31	5,553	8	189	327	92,281
1912...	75	132	5,856	4,516,548	30	171	4,687	4,088,575	34	164	7,382	5,488,449	4	129	10	2,736	6	171	15	3,760	8	193	275	128,544
1913...	65	169	5,707	4,740,212	28	172	5,447	519,936	34	165	7,080	5,789,446	11	155	24	6,198	5	154	11	2,654	7	175	371	120,968
1914...	56	161	4,754	4,116,771	34	142	4,893	3,875,511	33	165	7,204	5,804,239	8	171	29	8,131	4	155	13	2,860	5	155	381	205,348
1915...	54	161	4,073	3,115,650	39	130	4,833	5,021,801	29	172	6,954	5,448,618	24	164	56	14,049	7	123	20	5,391	5	170	342	160,162
1916...	68	193	3,868	3,605,755	39	136	4,817	5,070,933	30	229	6,762	6,948,648	32	155	88	24,154	7	134	18	2,940	6	183	214	198,139
1917...	68	213	3,697	3,868,449	40	175	6,541	5,670,832	31	249	7,731	8,155,734	25	126	64	19,432	9	151	31	4,271	6	250	444	198,149
1918...	71	165	4,605	4,060,187	38	150	6,298	4,311,320	32	225	7,977	6,663,877	31	92	58	17,625	8	154	19	3,048	3	229	149	60,317
1919...	70	154	6,436	4,280,768	36	149	5,997	4,539,853	32	201	7,488	6,844,049	28	125	53	17,737	8	138	14	2,324	5	182	145	88,095
1920...	71	159	7,157	4,516,444,922	31	150	6,024	4,278,956	34	188	8,505	6,952,126	37	103	73	17,537	8	112	15	1,439	4	232	145	88,095
1922...	66	126	7,004	4,725,654	66	130	5,901	1,009,904	31	154	8,465	5,833,494	43	108	105	30,977	13	148	35	6,073	6	129	164	67,740

TABLE 18—Continued

Year	Stark			Tazewell			Vermilion			Warren			Washington			White								
	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons				
1882..	11	(a)	50	22,143	9	(a)	92	36,177	31	(a)	1,003	343,443	48	(a)	166	23,376	4	(a)	32	4,000	...	...	...	...
1883..	14	(a)	75	15,340	8	(a)	151	109,372	18	(a)	1,061	416,339	26	(a)	111	15,530	2	(a)	67	45,000	...	...	...	...
1884..	19	156	77	17,136	8	187	108	33,590	48	198	1,545	620,808	23	150	99	17,224	2	270	90	45,415	...	...	...	...
1885b.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1886	23	147	104	17,198	10	186	149	34,881	48	145	1,092	305,679	23	154	91	13,636	4	238	99	50,072	...	...	...	...
1887	(a)	(a)	(a)	17,865	(a)	(a)	(a)	51,847	(a)	(a)	(a)	359,119	(a)	(a)	(a)	13,810	(a)	(a)	(a)	40,220	...	...	...	...
1888	22	159	106	18,690	11	196	167	59,324	55	171	1,281	499,076	24	150	97	15,518	3	222	84	43,600	...	...	...	...
1889	23	169	108	19,171	11	205	201	67,973	64	165	1,337	537,411	23	159	84	12,149	4	165	87	36,220	...	...	...	...
1890	24	157	100	18,672	11	168	221	81,141	64	165	1,314	704,509	27	150	93	14,095	4	227	75	25,160	...	...	...	...
1891	26	166	107	20,157	11	227	246	107,252	74	280	1,904	880,466	24	168	84	12,372	3	290	98	68,200	...	...	...	...
1892	26	162	111	22,339	11	224	246	120,156	68	167	1,961	972,589	21	164	78	11,364	3	282	113	62,966	...	...	...	...
1893	24	158	130	23,070	10	236	299	128,957	62	173	1,939	996,768	22	147	81	11,876	3	247	117	72,200	...	...	...	...
1894	26	167	150	22,625	9	164	241	93,599	54	168	1,836	989,813	23	153	105	11,041	3	175	107	49,835	...	...	...	...
1895	24	182	146	22,131	11	192	289	94,106	61	171	2,124	1,177,375	24	145	108	14,191	3	192	111	56,220	...	...	...	...
1896	20	142	104	18,085	14	169	275	113,541	50	175	2,422	1,822,344	23	177	104	12,696	3	143	92	33,360	...	...	...	...
1897	22	187	91	19,472	12	180	199	86,639	59	174	2,429	2,000,623	14	182	49	10,099	4	165	73	25,719	...	...	...	...
1898	23	146	90	21,936	12	159	179	84,507	60	150	2,334	1,520,699	16	146	55	12,245	4	165	88	34,808	...	...	...	...
1899	20	185	82	23,997	12	187	214	112,018	58	189	2,824	2,221,867	15	170	52	12,080	4	181	87	34,460	...	...	...	...
1900	22	176	84	24,729	15	191	265	120,869	52	193	2,706	2,030,954	17	170	49	15,089	3	175	76	49,259	...	...	...	...
1901	22	170	101	26,524	15	204	295	161,609	55	160	4,276	2,003,780	18	172	75	15,600	3	131	96	35,838	...	...	...	...
1902	21	180	93	24,799	14	205	376	184,835	59	180	3,096	2,551,638	17	166	62	15,534	3	217	89	32,942	...	...	...	...
1903	22	166	138	39,406	16	195	333	185,635	60	200	3,718	2,893,233	19	169	52	13,986	3	240	92	57,956	...	...	...	...
1904	16	196	137	61,040	13	215	346	196,611	63	179	3,929	3,114,060	15	185	68	17,486	2	175	33	19,930	...	...	...	...
1905	18	171	120	38,431	12	105	359	235,001	66	173	4,140	2,618,375	20	152	74	17,486	1	251	126	78,315	...	...	...	...
1906	18	190	121	34,696	12	193	358	212,633	59	186	3,517	2,012,835	15	171	58	16,214	2	169	156	95,796	...	...	...	...
1907	11	200	104	25,448	11	202	383	216,901	59	192	4,131	3,019,934	15	171	58	14,110	2	165	126	75,548	...	...	...	...
1908	10	157	75	24,444	11	188	416	218,435	42	187	3,909	2,659,762	15	123	58	11,446	2	131	159	48,116	...	...	...	...
1909	10	151	79	20,244	9	186	340	197,536	39	188	3,207	2,221,634	15	130	61	14,612	3	131	105	24,827	...	...	...	...
1910	6	189	81	28,061	9	207	338	167,186	38	211	3,640	2,033,467	12	153	51	10,670	3	117	105	24,827	...	...	...	...
1911	10	181	87	31,330	8	204	297	196,090	44	214	3,995	3,270,380	11	179	46	12,631	2	169	71	80,883	...	...	...	...
1912	8	199	82	32,746	8	195	392	239,424	48	184	4,042	3,774,443	12	107	44	8,498	4	297	419	189,883	...	...	...	...
1913	7	204	58	21,897	9	213	455	294,390	44	199	4,042	3,983,591	10	128	37	7,643	4	156	381	246,932	...	...	...	...
1914	7	141	52	18,897	10	199	519	331,501	35	193	3,521	2,983,591	8	157	29	6,654	4	192	529	517,784	...	...	...	...
1915	8	191	60	19,645	8	186	513	323,632	30	177	2,911	2,061,535	7	151	25	5,908	3	210	514	488,692	...	...	...	...
1916	10	167	53	13,531	11	179	513	310,082	37	171	2,978	2,608,815	6	144	23	5,440	4	206	650	759,999	...	...	...	...
1917	10	158	66	18,257	9	229	510	455,880	33	201	3,252	2,994,319	5	220	23	3,741	4	276	780	807,509	...	...	...	...
1918	11	169	55	15,870	13	162	828	554,922	66	194	3,816	3,791,350	6	162	22	5,749	4	232	734	895,842	...	...	...	...
1919	11	169	55	14,128	10	227	892	614,188	67	179	3,982	3,209,446	6	148	16	3,749	4	172	685	695,842	...	...	...	...
1920	6	192	59	11,932	10	233	998	721,288	57	185	3,482	3,248,946	5	150	15	3,886	4	202	776	667,973	...	...	...	...
1921	10	126	54	14,576	10	222	1,018	762,763	73	169	3,936	3,713,737	6	166	23	5,019	4	204	779	850,470	...	...	...	...
1922..	14	145	57	13,514	9	176	949	669,721	78	152	4,035	3,011,164	7	155	32	6,135	6	109	864	715,742	...	...	...	...

TABLE 18—Concluded

Year	Will				Williamson				Woodford				Totals and averages			
	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons	Mines	Av. days	Men	Tons
1882	8	(a)	1,985	649,400	1	(a)	180	130,382	2	(a)	305	90,000	704	(a)	20,350	9,115,653
1883	10	(a)	2,180	699,427	1	(a)	207	144,800	2	(a)	321	104,000	637	(a)	23,805	10,016,991
1884	8	165	1,912	465,657	4	206	273	127,615	2	228	338	129,000	739	204	25,270	10,037,004
1885	4	187	905	287,512	5	207	221	116,049	2	212	425	121,200	778	185	25,946	11,834,549
1886	(a)	(a)	(a)	284,040	9	151	321	112,338	2	(a)	(a)	122,445	801	(a)	25,726	9,216,499
1887	5	184	848	347,105	9	194	200	160,664	2	237	360	158,500	833	194	26,804	10,244,278
1888	6	206	1,856	342,372	9	194	200	202,261	2	232	334	169,600	851	189	20,410	11,827,978
1889	6	206	1,856	342,372	9	194	200	202,261	2	232	334	169,600	851	189	20,410	11,827,978
1890	6	206	1,856	342,372	9	194	200	202,261	2	232	334	169,600	851	189	20,410	11,827,978
1891	6	206	1,856	342,372	9	194	200	202,261	2	232	334	169,600	851	189	20,410	11,827,978
1892	6	206	1,856	342,372	9	194	200	202,261	2	232	334	169,600	851	189	20,410	11,827,978
1893	3	200	287	81,725	13	200	326	418,426	2	252	443	180,131	779	201	34,374	17,061,974
1894	3	186	215	20,717	12	175	661	437,157	2	210	498	136,065	822	178	38,442	19,949,144
1895	3	193	266	38,675	10	133	690	461,475	2	179	511	131,557	844	178	38,442	19,949,144
1896	3	160	321	86,950	12	159	574	444,406	2	142	456	102,790	868	172	36,047	17,799,224
1897	3	141	87	25,682	25	103	784	669,480	2	138	438	148,829	883	169	33,788	20,072,727
1898	3	169	112	40,904	26	120	929	915,108	2	160	438	148,829	883	169	33,788	20,072,727
1899	3	187	100	32,779	26	138	1,427	1,078,755	2	238	442	174,750	889	181	36,978	18,399,299
1900	3	193	157	50,932	26	149	1,440	1,333,607	2	239	486	196,289	920	183	39,413	25,153,929
1901	3	185	183	59,976	29	149	2,042	1,605,960	2	195	429	135,578	915	174	44,123	26,631,527
1902	3	154	191	51,686	31	180	2,417	2,013,692	1	267	254	107,584	915	177	46,040	30,016,180
1903	3	171	107	35,616	31	200	2,907	2,711,767	1	213	270	119,679	930	192	49,776	34,950,600
1904	3	158	281	68,096	37	200	3,504	3,038,466	1	252	235	115,128	932	185	54,773	37,077,897
1905	6	147	499	128,751	36	190	4,337	3,815,751	2	228	338	118,679	990	167	59,230	37,183,374
1906	6	136	415	141,959	44	163	5,082	3,927,189	2	219	375	136,574	1,018	177	62,283	38,317,581
1907	5	206	498	188,338	46	182	5,635	5,266,452	2	252	388	150,743	933	189	66,714	47,798,621
1908	4	214	464	161,014	47	173	6,329	5,367,140	2	236	420	163,140	922	180	70,841	49,277,452
1909	5	204	514	182,612	57	166	6,758	5,901,815	2	235	484	184,964	886	177	72,933	49,163,135
1910	3	207	302	140,583	55	166	7,660	5,908,549	2	208	457	170,235	881	172	74,634	48,717,853
1911	3	195	500	164,325	50	132	8,601	5,212,749	2	172	408	135,300	845	165	77,410	50,165,103
1912	3	211	429	179,001	46	152	8,512	7,009,110	2	212	423	183,896	879	169	70,411	57,514,240
1913	3	195	359	153,301	46	164	9,198	7,709,140	2	235	379	179,495	840	170	79,497	61,846,204
1914	3	181	369	135,752	42	166	9,206	7,710,740	2	205	391	169,797	779	168	80,035	57,601,692
1915	3	170	382	127,487	43	180	8,634	7,216,188	2	193	413	169,797	779	168	80,035	57,601,692
1916	3	170	382	127,487	43	180	8,634	7,216,188	2	193	413	169,797	779	168	80,035	57,601,692
1917	2	240	195	85,072	44	205	9,571	7,904,528	2	213	463	185,083	803	163	75,919	63,673,520
1918	3	197	180	77,260	41	205	9,204	7,665,302	2	275	332	101,598	810	179	80,893	78,983,524
1919	3	189	150	45,331	49	183	9,979	11,655,101	2	288	285	163,921	966	183	91,370	89,978,775
1920	3	197	110	45,331	56	148	10,225	10,452,578	2	249	275	123,921	937	160	80,897	75,009,360
1921	1	173	66	19,968	78	144	10,805	9,631,386	2	236	222	121,306	938	159	88,102	73,920,453
1922	1	191	60	18,144	78	116	11,502	10,822,566	2	202	193	104,307	1,035	154	95,723	80,121,948
							12,545	8,735,964	2	187	243	104,717	1,133	132	98,681	63,276,827

TABLE 19—NUMBER OF YEARS THE MINES HAVE BEEN OPERATED IN EACH COUNTY, AND THE AVERAGE NUMBER OF DAYS, MEN AND TONS, ALSO THE TOTAL OUTPUT.

No.	County	Number of years in operation	Average number of days per year	Average number of employees per year	Average output per year in tons	Total output tons
1	Bond.....	37	183	189	121,731	4,504,044
2	Brown.....	18	96	220	1,463	26,339
3	Bureau.....	40	183	2,832	1,100,120	44,004,809
4	Calhoun.....	26	235	16	3,694	96,047
5	Cass.....	34	180	181	50,45	171,520
6	Christian.....	37	186	1,655	1,250,031	46,271,163
7	Clinton.....	40	192	765	671,404	26,858,173
8	Edgar.....	12	126	18	6,384	76,616
9	Franklin.....	19	175	6,604	5,835,355	110,871,742
10	Fulton.....	40	162	2,232	1,257,130	50,286,194
11	Gallatin.....	38	141	139	69,755	2,650,694
12	Greene.....	40	181	41	10,024	400,955
13	Grundy.....	40	195	2,356	853,844	34,153,966
14	Hamilton.....	16	58	7	14,453	231,247
15	Hancock.....	38	183	32	6,286	238,879
16	Henry.....	46	186	345	113,725	4,548,988
17	Jackson.....	40	148	1,093	733,018	29,320,712
18	Jefferson.....	26	119	46	20,543	534,125
19	Jersey.....	36	180	10	2,705	97,471
20	Johnson.....	34	123	19	6,232	211,892
21	Kankakee.....	28	181	211	669,842	1,875,586
22	Knox.....	40	155	191	43,307	1,892,260
23	LaSalle.....	40	183	3,198	1,346,212	53,848,479
24	Livingston.....	40	196	590	234,525	9,381,017
25	Logan.....	40	211	444	285,555	11,422,189
26	Macon.....	39	215	422	207,545	8,094,263
27	Macoupin.....	40	192	3,462	3,170,081	126,813,248
28	Madison.....	40	186	2,695	2,227,373	91,134,907
29	Marion.....	40	211	941	709,371	28,374,842
30	Marshall.....	40	154	743	289,614	11,584,546
31	McDonough.....	40	136	303	56,353	2,254,125
32	McLean.....	40	244	303	131,688	5,267,507
33	Menard.....	40	191	459	26,860	10,714,385
34	Mercer.....	40	173	656	345,801	13,832,028
35	Montgomery.....	40	198	1,405	1,139,606	45,584,237
36	Moultrie.....	14	206	141	127,385	1,783,392
37	Morgan.....	38	205	17	3,933	149,435
38	Peoria.....	40	168	1,354	834,310	33,372,382
39	Perry.....	40	170	1,812	1,210,829	48,433,144
40	Putnam.....	18	219	966	491,406	8,845,313
41	Randolph.....	40	177	800	585,922	23,436,865
42	Rock Island.....	40	162	183	62,279	2,491,170
43	Saline.....	40	141	2,117	1,383,697	65,347,896
44	Sangamon.....	40	198	4,582	3,501,762	140,070,490
45	Schuyler.....	39	145	62	15,319	597,444
46	Scott.....	40	172	51	13,576	543,046
47	Shelby.....	40	186	200	84,662	3,386,483
48	Stark.....	40	170	90	22,861	914,453
49	St. Clair.....	40	190	3,757	3,071,392	122,855,688
50	Tazewell.....	40	194	386	224,653	8,986,112
51	Vermilion.....	40	180	2,886	2,038,502	81,540,067
52	Warren.....	40	158	63	12,018	480,742
53	Washington.....	40	197	245	196,529	7,861,173
54	White.....	18	175	80	59,544	1,071,783
55	Will.....	40	185	511	160,454	6,418,075
56	Williamson.....	40	166	4,436	3,755,208	150,208,338
57	Woodford.....	40	219	376	146,563	5,862,516

Note—Wabash County produced 400 tons, 1921.
Wabash County produced 500 tons, 1922.

TABLE 20—SHIPPING OR COMMERCIAL COLLIERIES.—DISTRIBUTION OF OUTPUT FOR YEAR 1922.—BY DISTRICTS AND COUNTIES

District and counties	Number of mines	Disposition of output—tons						
		Total output all grades tons	Loaded on cars for shipment	Sold to railroad companies and loaded on car	Supplied to locomotives at mine	Sold to local trade	Consumed and wasted at mine	Coal not sold June 30 and lost in preparing
FIRST DISTRICT								
Bureau	5	467,848	60,837	306,243	15,210	27,239	44,063	14,256
Grundy	2	201,792	167,085			9,301	11,472	13,934
LaSalle	6	290,849	173,687	20,850	3,203	80,191	12,628	290
Livingston	2	38,642	10,846		8,980	15,838	2,978	
Mercer	2	122,484	31,381	85,610		301	5,192	
Putnam	2	179,261	19,305	135,512	1,326	7,086	15,952	80
Shipping mines	19	1,300,876	463,141	548,215	28,719	139,956	92,285	28,560
Local mines	92	388,467				304,006	84,461	
The district	111	1,689,343	463,141	548,215	28,719	443,962	176,746	28,560
SECOND DISTRICT								
Marshall	2	193,441	51,811	88,621	29,473	14,920	8,411	205
Peoria	13	951,338	564,038	366,509		8,895	5,404	6,492
Tazewell	6	608,100	87,440	478,042	655	35,856	5,888	219
Woodford	2	104,717	49,926	24,343	3,656	17,753	8,089	950
Shipping mines	23	1,857,596	753,215	957,515	33,784	77,424	27,792	7,866
Local mines	110	340,328				329,313	8,563	2,452
The district	133	2,197,924	753,215	957,515	33,784	406,747	36,355	10,318
THIRD DISTRICT								
Fulton	21	1,211,503	632,946	540,606		16,551	20,018	1,376
Shipping mines								
Local mines	355	379,565				376,632	2,933	
The district	376	1,591,068	632,946	540,606		393,189	22,951	1,376
FOURTH DISTRICT								
Logan	2	332,444	184,280	35,936	21,949	72,634	16,497	1,148
Menard	1	80,362	49,169	24,653		2,797	3,743	
Sangamon	26	5,792,067	3,485,025	1,904,325	1,950	281,571	111,547	7,649
Shipping mines	29	6,204,873	3,718,474	1,964,914	23,899	357,002	131,787	8,797
Local mines	31	99,384				95,849	3,535	
The district	60	6,304,257	3,718,474	1,964,914	23,899	452,851	135,322	8,797
FIFTH DISTRICT								
Christian	11	2,791,110	2,105,891	499,371	37,374	96,210	37,286	14,978
Mason	3	201,326	37,484			151,035	11,758	1,049
Moultrie	1	152,436	46,620	86,870		8,560	8,216	2,170
Shelby	1	58,147	42,677			10,337	4,800	333
Vermilion	15	2,766,409	1,385,583	1,296,962		38,499	44,827	538
Shipping mines	31	5,969,428	3,618,255	1,883,203	37,374	304,641	106,887	19,068
Local mines	68	258,348				209,405	44,943	
The district	99	6,223,776	3,618,255	1,883,203	37,374	514,046	151,830	19,068

TABLE 20—Continued

District and counties	Number of mines	Total output all grades tons	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies and loaded on car	Supplied to locomotives at mine	Sold to local trade	Consumed and wasted at mine	Coal not sold June 30 and lost in preparing
SIXTH DISTRICT								
Macoupin.....	15	5,438,324	1,457,764	3,729,710	13,914	71,139	142,244	23,553
Montgomery.....	7	2,078,948	1,174,964	791,084	.....	35,021	48,431	29,448
Shipping mines....	22	7,517,272	2,632,728	4,520,794	13,914	106,160	190,675	53,001
Local mines.....	8	10,724	.....	.....	.....	10,514	210	.....
The district.....	30	7,527,996	2,632,728	4,520,794	13,914	116,674	190,885	53,001
SEVENTH DISTRICT								
Bond.....	1	189,197	138,440	42,380	.....	3,416	4,680	281
Madison.....	17	3,084,848	2,250,149	575,268	818	163,525	92,831	2,257
Marion.....	3	687,732	418,136	207,573	.....	19,780	32,858	9,385
Shipping mines....	21	3,961,777	2,806,725	825,221	818	186,721	130,369	11,923
Local mines.....	9	33,571	.....	.....	.....	31,736	1,835	.....
The district.....	30	3,995,348	2,806,725	825,221	818	218,457	132,204	11,923
EIGHTH DISTRICT								
Clinton.....	5	747,788	559,450	86,366	37,220	18,816	35,976	9,960
St. Clair.....	47	4,557,492	3,323,634	928,105	84,284	85,451	102,977	33,041
Shipping mines....	52	5,305,280	3,883,084	1,014,471	121,504	104,267	138,953	43,001
Local mines.....	19	168,162	.....	.....	.....	161,797	6,365	.....
The district.....	71	5,473,442	3,883,084	1,014,471	121,504	266,064	145,318	43,001
NINTH DISTRICT								
Jackson.....	9	941,002	875,867	1,158	.....	27,319	31,314	5,344
Perry.....	17	2,057,813	1,497,701	399,583	36,302	32,784	79,571	11,872
Randolph.....	10	1,551,295	518,202	943,824	.....	12,067	72,278	4,924
Washington.....	3	711,322	25,440	645,179	15,000	12,235	13,468	.....
Shipping mines....	39	5,261,432	2,917,210	1,989,744	51,302	84,405	196,631	22,140
Local mines.....	39	112,228	.....	.....	.....	109,552	2,676	.....
The district.....	78	5,373,660	2,917,210	1,989,744	51,302	193,957	199,307	22,140
TENTH DISTRICT								
Franklin.....	25	9,999,917	7,014,016	2,062,961	1,087	120,202	298,888	502,763
ELEVENTH DISTRICT								
Gallatin.....	1	62,261	59,485	.....	.....	486	2,290	.....
Saline.....	18	3,993,857	2,870,621	899,290	1,049	65,496	89,263	68,138
White.....	1	81,007	69,870	.....	808	6,812	2,909	608
Shipping mines....	20	4,137,125	2,999,978	899,290	1,857	72,794	94,462	68,746
Local mines.....	19	21,182	.....	.....	.....	20,532	650	.....
The district.....	39	4,158,307	2,999,978	899,290	1,857	93,326	95,112	68,746

TABLE 20—Concluded

District and counties	Number of mines	Total output all grades tons	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies and loaded on car	Supplied to locomotives at mine	Sold to local trade	Consumed and wasted at mine	Coal not sold June 30 and lost in preparing
TWELFTH DISTRICT								
Williamson.....	50	8,679,014	6,701,208	1,557,353	5,180	86,659	222,073	106,541
Shipping mines....	50	8,679,014	6,701,208	1,557,353	5,180	86,659	222,073	106,541
Local mines.....	31	62,775	.....	.....	.....	62,199	576	.....
The district.....	81	8,741,789	6,701,208	1,557,353	5,180	148,858	222,649	106,541

TABLE 21—DISPOSITION OF THE OUTPUT OF SHIPPING MINES BY DISTRICT

District	Number of mines	Total output all grades Tons	Disposition of output—tons					
			Shipped from mine	Sold to railroad companies	Supplied to locomotives at mines	Sold to local trade	Consumed and wasted at the mine	Coal not sold including loss in preparation
First.....	19	1,300,876	463,141	548,215	28,719	139,956	92,285	28,560
Second.....	23	1,857,596	753,215	957,515	33,784	77,424	27,792	7,866
Third.....	21	1,211,503	632,946	540,606	.....	16,557	20,018	1,376
Fourth.....	29	6,204,873	3,718,474	1,964,914	23,899	357,002	131,787	8,797
Fifth.....	31	5,969,428	3,618,255	1,883,203	37,374	304,641	106,887	19,068
Sixth.....	22	7,517,272	2,632,728	4,520,794	13,914	106,160	190,675	53,001
Seventh.....	21	3,961,777	2,806,725	825,221	818	186,721	130,369	11,923
Eighth.....	52	5,305,280	3,883,084	1,014,471	121,504	104,267	138,953	43,001
Ninth.....	39	5,261,432	2,917,210	1,989,744	51,302	84,405	196,631	22,140
Tenth.....	25	9,999,917	7,014,016	2,062,961	1,087	120,202	298,888	502,763
Eleventh.....	20	4,137,125	2,999,976	899,290	1,857	72,794	94,462	68,746
Twelfth.....	50	8,679,014	6,701,208	1,557,353	5,180	86,659	222,073	106,541
The State, 1922....	352	61,406,093	38,140,978	18,764,287	319,438	1,656,788	1,650,820	873,782
The State, 1921....	389	78,339,082	50,836,570	22,228,449	506,993	1,902,184	2,370,340	494,546

TABLE 22—COUNTIES WHICH HAVE PRODUCED THE COMMERCIAL COAL,
THE TONNAGE DELIVERED TO EACH RAILROAD FOR TRANSPORTATION,
ETC.

No.	County and Railroads	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
	The State.....	38,140,978	18,764,287	319,438
1	Franklin.....	7,014,016	2,062,961	1,087
	Chicago, Burlington & Quincy.....	4,068,492	1,316,443	12
	Illinois Central.....	2,007,796	33,914	37
	Chicago & Eastern Illinois.....	689,244	44,651	
	Missouri Pacific.....	248,484	667,040	1,038
	C. W. & I.....		913	
2	Williamson.....	6,701,204	1,557,355	5,180
	Illinois Central.....	2,980,000	229,398	
	Chicago, Burlington & Quincy.....	1,663,333	302,888	
	Missouri Pacific.....	1,010,766	730,678	834
	Chicago & Eastern Illinois.....	733,338	53,141	
	Marion & Eastern.....	313,767	581	4,346
	Cotton Belt.....		240,669	
3	Sangamon.....	3,485,025	1,904,326	1,950
	Chicago & Alton.....	1,636,766	809,958	
	Wabash.....	479,804	185,689	1,950
	Chicago, Peoria & St. Louis.....	315,528	59,409	
	Illinois Traction System.....	268,123	6,700	
	Illinois Central.....	261,241	558,862	
	Baltimore & Ohio.....	213,994	92	
	Cincinnati, Indianapolis & Western.....	181,375	9,227	
	Chicago, Burlington & Quincy.....	64,227	118,498	
	Chicago & North Western.....	63,967	27,830	
	Mobile & Ohio.....		117,434	
	Pennsylvania Line.....		10,627	
4	St. Clair.....	3,323,634	928,105	84,284
	Illinois Central.....	963,527	30,665	39,378
	Louisville & Nashville.....	585,780	1,187	40,776
	St. Louis & O'Fallon.....	525,290	331,508	3,048
	Southern.....	434,042	142,667	
	Penn Line.....	312,594		
	St. Louis & Belleville.....	283,194	351,712	1,082
	Baltimore & Ohio.....	219,207		
	Frisco.....		44,870	
	St. Louis Terminal.....		21,986	
	Wabash.....		2,700	
	J. L. C. & E.....		495	
	R. I.....		180	
	U. R.....		135	
5	Saline.....	2,870,621	899,290	1,049
	Cleveland, Cincinnati, Chicago & St. Louis.....	2,379,558	768,143	
	Illinois Central.....	491,063	131,147	1,049
6	Madison.....	2,250,149	575,268	818
	St. Louis, Troy & Eastern.....	854,972		812
	Litchfield & Madison.....	562,948		
	Cleveland, Cincinnati, Chicago & St. Louis.....	483,281	13,077	
	Chicago & Eastern Illinois.....	146,320	77,764	
	Pennsylvania Lines.....	111,914	26,150	
	Wabash.....	51,768	8,786	6
	Illinois Traction System.....	26,307	102,578	
	Chicago, Peoria & St. Louis.....	12,639	199	
	Illinois Central.....		246,714	

TABLE 22—Continued

No.	County and Railroads	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
7	Christian.....	2,105,891	499,371	37,374
	Chicago & Illinois Midland.....	1,670,487	383,713	
	Illinois Central.....	338,141	43,038	32,150
	Wabash.....	75,746	47,924	
	Cleveland, Cincinnati, Chicago & St. Louis.....	4,996		
	Baltimore & Ohio.....	13,356	24,696	5,224
	Chicago & Eastern Illinois.....	3,165		
8	Perry.....	1,497,701	399,583	36,302
	Illinois Central.....	1,320,038	185,408	36,302
	Wabash, Chester & Western.....	161,962	5,098	
	Mobile & Ohio.....	15,701	209,077	
9	Macoupin.....	1,457,764	3,729,710	13,914
	Chicago & Alton.....	625,662	802	685
	Wabash.....	383,775	318,334	
	Chicago, Burlington & Quincy.....	191,830	122,397	
	Litchfield & Madison.....	169,352	70,880	
	Chicago & North Western.....	60,828	2,833,728	
	Illinois Traction System.....	26,317	180,208	
	Illinois Central.....		203,361	13,229
10	Vermilion.....	1,385,583	1,296,962	
	Elgin, Joliet & Eastern.....	876,528	382,329	
	Cleveland, Cincinnati, Chicago & St. Louis.....	442,749	449,671	
	Wabash.....	46,241	390,302	
	Illinois Traction System.....	29,601	70,739	
	New York Central.....	1,626		
	C. T. H. & S. E.....	8,838	1,732	
	C. & E. I.....		2,189	
11	Montgomery.....	1,174,964	791,084	
	Cleveland, Cincinnati, Chicago & St. Louis.....	591,047	267,286	
	Chicago & Eastern Illinois.....	453,470	271,713	
	Toledo, St. Louis & Western.....	130,447	252,085	
12	Jackson.....	875,867	1,158	
	Illinois Central.....	703,310	1,158	
	Mobile & Ohio.....	138,092		
	Missouri Pacific.....	34,465		
13	Fulton.....	632,946	540,606	
	Chicago, Burlington & Quincy.....	320,739	106,889	
	Minneapolis & St. Louis.....	245,744	258,384	
	Toledo, Peoria & Western.....	66,463	320	
	Atchison, Topeka & Santa Fe.....		160,139	
	Chicago & North Western.....		14,874	
14	Clinton.....	559,450	86,366	37,220
	Baltimore & Ohio.....	423,582	19,447	37,220
	Southern.....	135,868	66,919	
15	Peoria.....	547,544	366,509	
	Minneapolis & St. Louis.....	326,744	97,181	
	Peoria Terminal.....	108,128	202,135	
	Chicago, Burlington & Quincy.....	72,614	12,683	
	Peoria & Pekin Union.....	35,078	54,510	
	Toledo, Peoria & Western.....	4,980		

TABLE 22—Continued

No.	County and Railroads	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
16	Randolph.....	518,202	943,824	.....
	Illinois Central.....	348,433	.....	.....
	Mobile & Ohio.....	88,412	573,066	.....
	Missouri & Illinois.....	81,357	122,271	.....
	Chicago & Great Western.....	.....	248,487	.....
17	Marion.....	418,136	207,573	.....
	Illinois Central.....	407,411	106,848	.....
	Baltimore & Ohio.....	6,848	.....	.....
	Chicago, Burlington & Quincy.....	3,877	100,725	.....
18	Logan.....	184,280	35,936	21,949
	Illinois Central.....	106,617	14,176	21,949
	Chicago & Alton.....	77,663	21,760	.....
19	LaSalle.....	173,687	20,850	3,203
	Chicago, Rock Island & Pacific.....	73,524	.....	.....
	Illinois Central.....	60,965	.....	.....
	Chicago, Burlington & Quincy.....	25,283	.....	3,203
	Chicago, Milwaukee & St. Paul.....	13,674	20,850	.....
	Cleveland, Cincinnati, Chicago & St. Louis.....	241	.....	.....
20	Grundy.....	167,085	.....	.....
	Elgin, Joliet & Eastern.....	159,873	.....	.....
	Atchison, Topeka & Santa Fe.....	5,058	.....	.....
	Chicago & Alton.....	2,154	.....	.....
21	Bond.....	138,440	42,380	.....
	Cleveland, Cincinnati, Chicago & St. Louis.....	138,440	42,380	.....
22	Tazewell.....	87,440	478,042	655
	Peoria & Pekin Union.....	34,650	304,110	.....
	Atchison, Topeka & Santa Fe.....	30,800	173,842	655
	Cleveland, Cincinnati, Chicago & St. Louis.....	21,813	90	.....
	Illinois Traction System.....	177	.....	.....
23	White.....	69,870	.....	808
	Baltimore & Ohio.....	13,698	.....	808
	Cleveland, Cincinnati, Chicago & St. Louis.....	56,172	.....	.....
24	Bureau.....	60,837	306,243	15,210
	Chicago & North Western.....	59,076	185,007	7,285
	Chicago, Milwaukee & St. Paul.....	1,000	121,236	7,925
	Chicago, Burlington & Quincy.....	761	.....	.....
25	Gallatin.....	59,485	.....	.....
	Louisville & Nashville.....	59,485	.....	.....
26	Marshall.....	51,811	88,621	29,473
	Illinois Central.....	25,123	.....	17
	Chicago & Alton.....	24,086	.....	29,456
	Atchison, Topeka & Santa Fe.....	2,602	88,621	.....
27	Woodford.....	49,926	24,343	3,656
	Atchison, Topeka & Santa Fe.....	29,676	24,343	3,656
	Illinois Central.....	20,250	.....	.....
28	Menard.....	49,169	24,653	.....
	Chicago, Peoria & St. Louis.....	49,169	24,653	.....

TABLE 22—Concluded

No.	County and Railroads	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
29	Moultrie.....	46,620	86,870	.....
	Wabash.....	32,676	62,348	.....
	Pennsylvania Lines.....	13,944	24,522	.....
30	Shelby.....	42,677	.....	.....
	Illinois Central.....	42,677	.....	.....
37	Macon.....	37,484	.....	.....
	Illinois Central.....	21,999	.....	.....
	Wabash.....	9,205	.....	.....
	Pennsylvania Lines.....	5,264	.....	.....
	Cincinnati, Indianapolis & Western.....	1,016	.....	.....
32	Mercer.....	31,381	85,610	.....
	Rock Island & Southern.....	31,381	85,610	.....
33	Washington.....	25,440	645,179	15,000
	Chicago, Burlington & Quincy.....	12,190	645,179	.....
	Louisville & Nashville.....	12,000	.....	15,000
	Illinois Central.....	1,250	.....	.....
34	Putnam.....	19,305	135,512	1,326
	Chicago, Milwaukee & St. Paul.....	19,305	135,512	1,326
35	Livingston.....	10,846	.....	8,980
	Chicago & Alton.....	8,902	.....	.....
	Illinois Central.....	1,864	.....	.....
	Wabash.....	80	.....	.....
	Toledo, Peoria & Western.....	.....	.....	8,980

Note.—Including 16,494 tons shipped by boat in Peoria County.

TABLE 23—RAILROADS HANDLING THE COMMERCIAL COAL OF THE STATE

No.	Railroads and Counties	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
1	Illinois Central.....	10,101,705	1,884,689	144,094
	Williamson.....	2,980,000	229,398	.....
	Franklin.....	2,007,796	33,914	37
	Perry.....	1,320,038	185,408	36,302
	St. Clair.....	963,527	30,665	39,378
	Jackson.....	703,310	1,158	.....
	Saline.....	491,063	131,147	1,049
	Marion.....	407,411	106,848	.....
	Randolph.....	348,433	.....	.....
	Christian.....	338,141	43,038	32,150
	Sangamon.....	261,241	558,862	.....
	Logan.....	106,617	14,176	21,949
	LaSalle.....	60,965	.....	.....
	Shelby.....	42,677	.....	.....
	Marshall.....	25,123	.....	.....
	Macon.....	21,999	.....	.....
	Woodford.....	20,250	.....	.....
	Livingston.....	1,864	.....	.....
	Washington.....	1,250	.....	.....
	Madison.....	.....	346,714	.....
	Macoupin.....	.....	203,361	13,229
2	Chicago, Burlington & Quincy.....	6,423,346	2,725,702	3,215
	Franklin.....	4,068,492	1,316,443	12
	Williamson.....	1,663,333	302,888	.....
	Fulton.....	320,739	106,889	.....
	Macoupin.....	191,830	122,397	.....
	Peoria.....	72,614	12,683	.....
	Sangamon.....	64,227	118,498	.....
	LaSalle.....	25,283	.....	3,203
	Washington.....	12,190	645,179	.....
	Marion.....	3,877	100,725	.....
	Bureau.....	761	.....	.....
3	Cleveland, Cincinnati, Chicago & St. Louis.....	4,098,297	1,540,657	.....
	Saline.....	2,379,558	768,143	.....
	Montgomery.....	591,047	267,286	.....
	Madison.....	483,281	13,077	.....
	Vermilion.....	422,749	449,671	.....
	Bond.....	138,440	42,380	.....
	White.....	56,172	.....	.....
	Tazewell.....	21,813	90	.....
	Christian.....	4,996	.....	.....
	LaSalle.....	241	.....	.....
4	Chicago & Alton.....	2,375,233	832,520	702
	Sangamon.....	1,636,766	809,958	.....
	Macoupin.....	625,662	802	685
	Logan.....	77,663	21,760	.....
	Marshall.....	24,086	.....	17
	Livingston.....	8,902	.....	.....
	Grundy.....	2,154	.....	.....
5	Chicago & Eastern Illinois.....	2,025,537	449,458	.....
	Williamson.....	733,338	53,141	.....
	Franklin.....	689,244	44,651	.....
	Montgomery.....	453,470	271,713	.....
	Madison.....	146,320	77,764	.....
	Christian.....	3,165	.....	.....
	Vermilion.....	.....	2,189	.....
6	Chicago & Illinois Midland.....	1,670,487	383,713	.....
	Christian.....	1,670,487	383,713	.....

TABLE 23—Continued

No.	Railroads and Counties	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
7	Missouri Pacific.....	1,293,715	1,397,718	1,872
	Williamson.....	1,010,766	730,678	834
	Franklin.....	248,484	567,040	1,038
	Jackson.....	34,465		
8	Wabash R. R.....	1,079,295	1,016,083	1,956
	Sangamon.....	479,804	185,689	1,950
	Macoupin.....	383,775	318,334	
	Christian.....	75,746	47,924	
	Madison.....	51,768	8,786	6
	Vermilion.....	46,241	390,302	
	Moultrie.....	32,676	62,348	
	Macon.....	9,205		
	Livingston.....	80		
	St. Clair.....		2,700	
9	Elgin, Joliet & Eastern.....	1,036,401	382,329	
	Vermilion.....	876,528	382,329	
	Grundy.....	159,873		
10	Baltimore & Ohio.....	890,685	44,235	43,252
	Clinton.....	423,582	19,447	37,220
	St. Clair.....	219,207		
	Sangamon.....	213,994	92	
	White.....	13,698		808
	Christian.....	13,356	24,696	5,224
	Marion.....	6,848		
11	St. Louis, Toledo & Eastern.....*	854,972		812
	Madison.....	854,972		812
12	Litchfield & Madison.....	732,300	70,880	
	Madison.....	562,948		
	Macoupin.....	169,352	70,880	
13	Louisville & Nashville.....	657,265	1,187	55,776
	St. Clair.....	585,780	1,187	40,776
	Gallatin.....	59,485		
	Washington.....	12,000		15,000
14	Minneapolis & St. Louis.....	572,488	355,565	
	Peoria.....	326,744	97,181	
	Fulton.....	245,744	258,384	
15	Southern.....	569,910	209,586	
	St. Clair.....	434,042	142,667	
	Clinton.....	135,868	66,919	
16	St. Louis & O'Fallon.....	525,290	331,508	3,048
	St. Clair.....	525,290	331,508	3,048
17	Pennsylvania Lines.....	443,716	61,299	
	St. Clair.....	312,594		
	Madison.....	111,914	26,150	
	Moultrie.....	13,944	24,522	
	Macon.....	5,264		
	Sangamon.....		10,627	

TABLE 23—Continued

No.	Railroads and Counties	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
18	Chicago, Peoria & St. Louis.....	377,336	84,261	.....
	Sangamon.....	315,528	59,40	.....
	Menard.....	49,169	24,653	.....
	Madison.....	12,639	199	.....
19	Illinois Traction System.....	350,525	260,225	.....
	Sangamon.....	268,123	6,700	.....
	Vermilion.....	29,601	70,739	.....
	Macoupin.....	26,317	180,208	.....
	Madison.....	26,307	103,578	.....
	Tazewell.....	177	.....	.....
20	St. Louis & Belleville.....	283,194	351,712	1,082
	St. Clair.....	283,194	351,712	1,082
21	Mobile & Ohio.....	242,205	899,577	.....
	Jackson.....	138,092	.....	.....
	Randolph.....	88,412	573,066	.....
	Perry.....	15,701	209,077	.....
	Sangamon.....	.....	117,434	.....
22	Marion & Eastern.....	313,767	581	4,346
	Williamson.....	313,767	581	4,346
23	Chicago & North Western.....	183,871	3,061,439	7,285
	Sangamon.....	63,967	27,830	.....
	Macoupin.....	60,828	2,833,728	.....
	Bureau.....	59,076	185,007	7,285
	Fulton.....	.....	14,874	.....
24	Cincinnati, Indianapolis & Western.....	182,391	9,227	.....
	Sangamon.....	181,375	9,227	.....
	Macoupin.....	1,016	.....	.....
25	Wabash, Chester & Western.....	161,962	5,098	.....
	Perry.....	161,962	5,098	.....
26	Toledo, St. Louis & Western.....	130,447	252,085	.....
	Montgomery.....	130,447	252,085	.....
27	Peoria Terminal.....	108,128	202,135	.....
	Peoria.....	108,128	202,135	.....
28	Missouri & Illinois.....	81,357	122,271	.....
	Randolph.....	81,357	122,271	.....
29	Chicago, Rock Island & Pacific.....	73,524	180	.....
	LaSalle.....	73,524	.....	.....
	St. Clair.....	.....	180	.....
30	Peoria & Pekin Union.....	69,728	358,620	.....
	Peoria.....	35,078	54,510	.....
	Tazewell.....	34,650	304,110	.....
31	Toledo, Peoria & Western.....	71,443	320	8,980
	Fulton.....	66,463	320	.....
	Peoria.....	4,980	.....	8,980
	Livingston.....	.....	.....	.....

TABLE 23—Concluded

No.	Railroads and Counties	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
32	Atchison, Topeka & Santa Fe.....	68,136	446,945	33,767
	Tazewell.....	30,800	173,842	655
	Woodford.....	29,676	24,343	3,656
	Grundy.....	5,058		
	Marshall.....	2,602	88,621	29,456
	Fulton.....		160,139	
33	Chicago, Milwaukee & St. Paul.....	33,979	277,598	9,251
	Putnam.....	19,305	135,512	1,326
	LaSalle.....	13,674	20,850	
	Bureau.....	1,000	121,236	7,925
34	Rock Island & Southern.....	31,381	85,610	
	Mercer.....	31,381	856,10	
35	C. T. H. & S. E.....	8,838	1,732	
	Vermilion.....	8,838	1,732	
36	New York Central.....	1,626		
	Vermilion.....	1,626		
	C. G. W.....		248,487	
	Randolph.....		248,487	
	Cotton Belt.....		240,669	
	Williamson.....		240,669	
	Frisco.....		44,870	
	St. Clair.....		44,870	
	St. Louis Terminal.....		21,986	
	St. Clair.....		21,986	
	J. L. C. & E.....		495	
	St. Clair.....		495	
	U. P.....		135	
	St. Clair.....		135	
	C. W. & I.....		913	
	Franklin.....		913	

TABLE 24—METHODS OF MINING, MINES, MEN, MACHINES AND TONS—
SHIPPING MINES

Districts	Mines	Machine exclusively			Mines	Hand exclusively			Mines	Both hand and machine		
		Number of				Number of				Number of		
		Men	Machines	Tons		Men	Tons	Men		Machines	Tons	
First.....	3	460	14	130,020	12	2,824	899,337	4	1,288	21	271,519	
Second.....	5	667	31	424,960	10	775	365,986	8	1,883	53	1,066,650	
Third.....	2	232	13	65,831	8	254	137,459	11	1,918	60	1,008,213	
Fourth.....	2	1,305	53	954,271	27	7,848	5,250,602					
Fifth.....	2	2,630	155	2,444,858	15	2,354	1,229,736	8	3,063	60	2,294,834	
Sixth.....	17	8,552	342	6,320,175				5	2,351	94	1,197,097	
Seventh.....	8	3,360	128	2,585,255	4	371	277,399	9	1,976	68	1,099,123	
Eighth.....	10	2,718	124	1,708,388	34	3,900	2,403,752	8	1,462	50	1,193,140	
Ninth.....	16	3,534	151	2,369,561	13	1,350	739,428	10	3,113	81	2,152,443	
Tenth.....	15	7,630	376	4,757,821				10	7,210	289	5,242,096	
Eleventh.....	16	5,575	265	3,716,712	2	119	44,734	2	534	26	375,679	
Twelfth.....	6	1,544	66	861,459	22	3,109	2,174,191	22	7,772	242	5,643,364	
The State.....	108	38,207	1,718	26,339,311	147	22,904	13,522,624	97	32,570	1,044	21,544,158	

TABLE 25—MACHINE MINING, SHIPPING MINES, 1888 TO 1922, NUMBER
OF MINES USING MACHINES, NUMBER OF MACHINES IN USE, TONS OF
COAL MINED AND PERCENTAGES.

Year	Number of mines using machines	Number of machines in use	Tons of coal cut	Percentage of	
				Mines using machines	Product cut
1888.....	39	272	2,243,210	12.5	18.9
1889.....	35	235	2,246,713	10.5	20.2
1890.....	34	266	2,881,983	10.4	22.8
1891.....	34	241	2,423,080	10.4	18.7
1892.....	41	300	3,866,289	13.3	22.7
1893.....	41	310	4,595,130	13.2	23.0
1894.....	40	296	3,412,293	12.5	24.6
1895.....	40	322	3,531,436	12.5	25.1
1896.....	42	307	3,871,410	12.7	19.6
1897.....	43	320	3,946,257	13.9	19.6
1898.....	55	392	3,415,635	16.7	18.4
1899.....	64	440	6,085,312	19.8	26.0
1900.....	67	430	5,583,594	20.7	22.2
1901.....	63	464	5,774,639	19.0	21.7
1902.....	64	464	6,497,123	19.3	21.6
1903.....	68	522	7,646,777	19.3	21.9
1904.....	67	623	7,140,427	17.6	19.3
1905.....	76	784	8,202,066	19.1	22.6
1906.....	85	962	9,563,230	20.3	24.9
1907.....	101	1,105	14,490,454	24.6	30.3
1908.....	105	1,160	15,210,423	25.8	30.8
1909.....	107	1,246	16,407,692	27.9	33.4
1910.....	114	1,289	18,176,254	29.2	37.3
1911.....	126	1,430	19,998,259	32.6	39.9
1912.....	139	1,581	25,550,059	36.6	44.4
1913.....	140	1,689	30,228,520	37.8	48.9
1914.....	141	1,828	31,446,823	41.5	51.8
1915.....	131	1,686	34,037,426	46.8	59.1
1916.....	139	1,817	39,312,376	48.9	61.7
1917.....	151	1,920	47,232,880	46.6	59.8
1918.....	174	2,054	50,027,491	47.0	55.6
1919.....	198	2,123	42,975,907	53.1	57.2
1920.....	208	2,330	45,130,699	55.0	61.5
1921.....	235	2,750	50,243,470	60.4	64.1
1922.....	205	2,762	41,168,621	58.2	67.4

TABLE 26—AVERAGE PRICE PAID PER TON FOR HAND AND MACHINE MINING AT SHIPPING AND LOCAL MINES

District	Hand mining				Machine mining			
	Shipping mines		Local mines		Shipping mines		Local mines	
	Tons	Average price per ton	Tons	Average price per ton	Tons	Average price per ton	Tons	Average price per ton
First.....	1,027,936	\$1.353 <i>a</i>	336,914	\$1.489	272,940	\$1.066	51,553	Day
Second.....	689,776	1.666 <i>b</i>	340,328	1.278	1,167,820	1.07	.....	work
Third.....	530,369	1.15 <i>c</i>	379,565	1.492	681,134	1.08	.....	.....
Fourth.....	5,250,602	1.08	99,384	1.115	954,271	1.01	.....	.....
Fifth.....	2,203,344	1.082 <i>d</i>	244,755	1.08	3,766,084	.99	9,593	Day
Sixth.....	288,644	1.08	10,724	1.40	7,228,628	1.01	.....	work
Seventh.....	583,879	1.06 <i>e</i>	9,571	2.088	3,377,898	1.005	24,000	1.01
Eighth.....	2,850,314	1.08	168,162	1.08	2,454,966	1.01	.....	.....
Ninth.....	1,667,919	1.047 <i>f</i>	112,228	1.292	3,593,513	.984	.....	.....
Tenth.....	739,145	1.04	.....	.....	9,260,771	.97	.....	.....
Eleventh.....	72,144	1.04 <i>g</i>	21,182	1.04	4,064,981	.97	.....	.....
Twelfth.....	44,333,399	1.04 <i>i</i>	62,775	1.04	4,345,615	.97	.....	.....
The State.....	20,237,472	\$1.086	1,785,588	\$1.287	41,168,621	.992	85,146	1.01

a— 63,752 tons paid for by the day.*b*— 52,167 tons paid for by the day.*c*—122,228 tons paid for by the day.*d*— 16,984 tons paid for by the day.*e*— 1,565 tons paid for by the day.*f*— 16,177 tons paid for by the day.*g*— 5,135 tons paid for by the day.*h*—106,623 tons paid for by the day.*i*— 18,751 tons paid for by the day.

TABLE 27—EARNINGS OF MINERS IN SHIPPING MINES—HAND AND MACHINE WORK

Districts	Number of miners	Average days worked	Total earnings for the year	Average annual earnings per man	Average daily earnings per man	Number of miners and machine men	Total earnings for the year	Average annual earnings per man	Average daily earnings per man
First.....	2,565	115	\$ 1,390,455	\$ 542	\$4.71	611	\$ 290,982	\$ 476	\$ 4.14
Second.....	883	152	804,071	911	5.99	1,419	1,249,729	881	5.80
Third.....	711	125	609,924	858	6.86	952	735,625	773	6.18
Fourth.....	5,575	157	5,670,650	1,017	6.48	742	963,814	1,299	8.27
Fifth.....	2,303	129	2,391,946	1,039	8.05	2,772	3,728,160	1,345	10.42
Sixth.....	391	127	311,735	797	6.28	6,373	7,300,914	1,146	9.02
Seventh.....	760	127	619,008	814	6.41	2,951	3,395,748	1,151	9.06
Eighth.....	3,303	111	3,078,339	932	8.40	2,140	2,479,515	1,159	10.44
Ninth.....	1,742	127	1,746,878	1,003	7.90	3,493	3,535,517	1,012	7.97
Tenth.....	689	123	768,712	1,116	9.07	8,343	8,982,948	1,077	8.76
Eleventh.....	84	130	75,030	893	6.87	3,923	3,943,031	1,005	7.73
Twelfth.....	4,070	123	4,395,847	1,080	8.78	3,968	4,215,247	1,062	8.63
The State.....	23,080	127	\$21,862,595	\$ 947	\$ 7.46	37,687	\$40,821,230	\$1,083	\$ 8.53

TABLE 28—EXPLOSIVES USED FOR BLASTING COAL

District	For blasting coal			For other purposes	
	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives	Kegs of powder	Pounds of dynamite
First.....	11,747	.....	.....	7	4,095
Second.....	46,385	25	.....	63	5,144
Third.....	46,352	42,50	.....	23	.....
Fourth.....	286,877	20,380	.....	.....	244
Fifth.....	92,572	22,227	1,500	266	63,645
Sixth.....	66,920	500	.....	137	15,250
Seventh.....	61,741	567	.....	32	1,095
Eighth.....	158,649	1,690	.....	35	1,445
Ninth.....	90,829	.....	134,775	.....	2,445
Tenth.....	11,295	100	1,586,802	4	3,230
Eleventh.....	18,195	.....	175,250	68	94,595
Twelfth.....	219,607	1,062	439,653	277	18,353
Shipping mines.....	1,111,169	50,801	2,337,980	912	209,541
Local mines.....	73,031	.....	.....	.....	.....
The State.....	1,184,200	50,801	2,337,980	912	209,541

TABLE 29—NUMBER OF MINING MACHINES, HOW OPERATED, TONS CUT, NUMBER OF MOTORS OPERATED AND TONS HAULED—SHIPPING MINES.

District	Number of mining machines in use	Tons cut	Motors operated by—			
			Electricity		Gasoline	
			Number	Tons hauled	Number	Tons hauled
First.....	35	272,940	12	509,906	.....	.....
Second.....	84	1,167,820	41	1,612,641	.....	.....
Third.....	73	681,134	25	1,056,081	.....	.....
Fourth.....	53	954,271	98	5,460,061	.....	.....
Fifth.....	215	3,766,084	120	4,998,718	5	189,842
Sixth.....	436	7,228,628	179	7,476,317	.....	.....
Seventh.....	196	3,377,898	82	3,748,869	.....	.....
Eighth.....	174	2,454,966	83	4,202,182	9	507,841
Ninth.....	232	3,593,513	121	4,674,616	2	104,242
Tenth.....	665	9,260,771	361	9,999,917	.....	.....
Eleventh.....	291	4,064,981	79	3,402,158	.....	.....
Twelfth.....	308	4,345,615	163	7,084,689	.....	.....
The State.....	2,762	41,168,621	1,364	54,226,155	16	801,925

TABLE 30—HAULAGE IN THE SHIPPING MINES, 1902-1922

Year	By motor		By cable		By horse or mule		By hand		Various	
	Number of mines	Tons	Number of mines	Tons	Number of mines	Tons	Number of mines	Tons	Number of mines	Tons
1902	10	2,258,293	15	2,626,182	288	22,036,531	7	30,329	12	1,873,415
1903	14	3,308,285	21	2,537,895	297	25,511,371	10	60,825	11	2,358,163
1904	14	3,331,420	9	1,205,281	302	24,829,705	18	107,426	37	6,305,685
1905	19	3,602,777	10	1,077,707	316	24,315,544	14	84,186	38	6,876,329
1906	34	6,102,494	15	1,411,490	324	24,371,623	12	75,547	34	5,161,657
1907	75	16,542,575	25	2,864,241	303	26,689,533	5	46,865	3	293,625
1908	88	19,024,665	32	3,273,753	283	25,482,634	4	28,678		
1909	96	21,892,462	16	1,396,154	268	24,645,398	4	24,548		
1910	106	23,204,480	25	2,508,343	251	21,243,637	8	268,741		
1911	137	29,310,173	24	2,321,016	219	16,839,883	7	287,585		
1912	165	37,958,050	4	400,970	210	17,707,993	1	29,682		
1913	185	46,194,737	13	1,173,528	168	13,014,153	5	132,998		
1914	191	47,485,729	6	478,041	139	11,233,532	4	181,880		
1915	173	47,239,554	7	320,062	92	7,947,497	8	665,443		
1916	176	53,140,005	7	675,235	98	8,123,624	3	343,272		
1917	200	67,196,768	5	321,628	113	9,422,285	6	471,373		
1918	240	77,662,619	1	98,209	129	10,545,400				
1919	259	66,686,930	3	143,118	111	6,921,673				
1920	276	66,441,191	2	80,202	95	5,888,217				
1921	280	71,329,567	1	38,481	108	6,971,034				
1922	242	55,028,080			110	6,378,013				

TABLE 31—PERCENTAGE OF HAULAGE IN SHIPPING MINES, 1902-1922

No.	Year	Total number of		Percentage of haulage by—									
				Motor		Cable		Mule		Hand		Various	
		Mines	Tons	Mines	Tons	Mines	Tons	Mines	Tons	Mines	Tons	Mines	Tons
1	1902	323	28,824,750	3.0	7.8	4.5	9.1	86.8	76.5	2.1	.1	3.6	6.5
2	1903	353	33,676,537	4.0	9.8	5.9	7.5	84.1	75.5	2.9	.2	3.1	7.0
3	1904	380	35,779,517	3.7	9.3	2.4	3.4	79.5	69.4	4.7	.3	9.7	17.6
4	1905	397	35,956,543	4.8	10.0	2.5	3.0	79.7	67.6	3.5	.2	9.6	19.1
5	1906	419	37,122,811	8.1	16.4	3.6	3.8	77.3	65.7	2.9	.2	8.1	13.9
6	1907	411	46,436,839	18.3	35.6	6.1	6.2	73.7	57.5	1.2	.1	.7	.6
7	1908	407	47,809,730	21.6	39.8	7.9	6.8	69.5	53.3	1.0	.1		
8	1909	384	47,958,562	25.0	45.6	4.2	2.9	69.8	51.4	1.0	.1		
9	1910	390	47,225,201	27.2	49.1	6.4	5.3	64.3	45.0	2.1	.6		
10	1911	387	48,758,657	35.4	60.1	6.2	4.8	56.6	34.5	1.8	.6		
11	1912	380	56,096,695	43.4	67.7	1.1	.7	55.3	31.5	.2	.1		
12	1913	371	60,515,416	49.9	76.3	3.5	1.9	45.3	26.6	1.3	.2		
13	1914	340	59,379,182	56.2	80.0	1.8	.8	40.9	18.9	1.1	.3		
14	1915	280	56,172,556	61.8	84.1	2.5	.6	32.9	14.1	2.8	1.2		
15	1916	284	62,283,236	62.0	85.3	2.5	1.1	34.5	13.0	1.0	.6		
16	1917	324	77,412,054	61.7	86.8	1.5	.4	34.9	12.2	1.9	.6		
17	1918	370	88,306,228	64.8	88.0	.3	.1	34.9	11.9				
18	1919	373	73,751,721	69.4	90.4	.8	.2	29.8	9.4				
19	1920	373	72,409,610	74.0	91.8	.5	.1	25.5	8.1				
20	1921	389	78,339,082	72.0	91.1	.2		27.8	8.9				
21	1922	352	61,406,093	68.8	89.6			31.2	10.4				

TABLE 32—PHYSICAL CHARACTERISTICS OF SHIPPING MINES

Number	Name of company	Physical characteristics						
		Shaft, depth; slope, length; drift, length; strip, covering feet	Longwall, pillar and room, strip	Hand, machine, both	Haulage—motor, mule, cable	Hoisting—steam, electric, horse	Geological number of seam	Thickness of seam—ft., in.
BOND COUNTY								
1	Pocahontas Mining Co., No. 1.....	Shaft, 386..	P. & R...	Hand.	Motor....	St....	6	7.0
BUREAU COUNTY								
1	St. Paul Coal Co., No. 2.....	Shaft, 484..	L. W....	Hand.	Mule....	St....	2	3.6
2	Spring Valley Coal Co., No. 5.....	Shaft, 421..	L. W....	Hand.	M. & M..	St....	2	3.5
3	Spring Valley Coal Co., No. 3.....	Shaft, 457..	L. W....	Hand.	Mule....	St....	2	3.6
4	Spring Valley Coal Co., No. 1.....	Shaft, 339..	L. W....	Both..	M. & M..	St....	2	3.6
5	Illinois Third Vein Coal Co., No. 1..	Shaft, 480..	L. W....	Hand.	M. & M..	St....	2	3.4
CHRISTIAN COUNTY								
1	Assumption Coal Mining Co., No. 1..	Shaft, 1,004.	L. W....	Both..	M. & M..	St....	1	3.6
2	Christian Co. Mining Co.....	Shaft, 365..	P. & R...	Hand.	Mule....	St....	5	7.0
3	Peabody Coal Co., No. 7.....	Shaft, 360..	P. & R...	Mch..	M. & M..	El....	6	7.0
4	Smith-Loehr Coal Mining Co., No. 1..	Shaft, 720..	P. & R...	Hand.	M. & M..	St....	6	7.6
5	Pana Coal Co., No. 2.....	Shaft, 722..	P. & R...	Hand.	M. & M..	St....	6	7.6
6	Pana Coal Co., No. 1.....	Shaft, 718..	P. & R...	Hand.	M. & M..	St....	6	7.6
7	Penwell Coal Mining Co., No. 1.....	Shaft, 735..	P. & R...	Hand.	Motor....	St....	6	7.0
8	Peabody Coal Co., No. 21.....	Shaft, 478..	P. & R...	Mch..	M. & M..	St....	6	7.0
9	Peabody Coal Co., No. 8.....	Shaft, 370..	P. & R...	Mch..	M. & M..	El....	6	6.6
10	Springfield District Coal Co., No. 58.	Shaft, 646..	P. & R...	Mch..	M. & M..	St....	6	9.0
11	Peabody Coal Co., No. 9.....	Shaft, 415..	P. & R...	Mch..	M. & M..	St....	5	7.0
CLINTON COUNTY								
1	Breese-Trenton Mining Co., Becke- meyer.....	Shaft, 400..	P. & R...	Mch..	M. & M..	St....	6	8.0
2	Breese-Trenton Mining Co., East Mine	Shaft, 400..	P. & R...	Mch..	M. & M..	St....	6	7.6
3	Consolidated Coal Co., West Mine....	Shaft, 402..	P. & R...	Hand.	Mule....	St....	6	8.0
4	North Breese Coal & Mining Co., North.....	Shaft, 410..	P. & R...	Both..	M. & M..	St....	6	7.0
5	Southern Coal, Coke & Mining Co., No. 9.....	Shaft, 318..	P. & R...	Both..	M. & M..	St....	6	7.8
FRANKLIN COUNTY								
1	Benton Coal Co., Benton.....	Shaft, 643..	P. & R...	Both..	Motor....	St....	6	7.0
2	Black Star Coal Co., No. 1.....	Shaft, 700..	P. & R...	Hand.	M. & M..	St....	6	6.6
3	By-Products Coal Corp., No. 18.....	Shaft, 510..	P. & R...	Mch..	Motor....	St....	6	9.0
4	Franklin County Mining Co., No. 1..	Shaft, 620..	P. & R...	Mch..	Motor....	St....	6	8.0
5	Southern Gem Coal Corp., No. 2.....	Shaft, 668..	P. & R...	Mch..	M. & M..	St....	6	9.0
6	Old Ben Coal Corp., No. 11.....	Shaft, 600..	P. & R...	Mch..	Motor....	St....	6	12.0
7	Old Ben Coal Corp., No. 16.....	Shaft, 640..	P. & R...	Mch..	Motor....	El....	6	6.0
8	Southern Gem Coal Corp., No. 1.....	Shaft, 600..	P. & R...	Mch..	M. & M..	El....	6	6.0
9	Valier Coal Co.....	Shaft, 600..	P. & R...	Mch..	Motor....	El....	6	6.0
10	Bell & Zollar Mining Co., No. 1.....	Shaft, 600..	P. & R...	Mch..	Motor....	El....	6	6.0
11	Bell & Zollar Mining Co., No. 2.....	Shaft, 600..	P. & R...	Mch..	Motor....	El....	6	6.0
12	Old Ben Coal Corp., No. 15.....	Shaft, 600..	P. & R...	Mch..	Motor....	El....	6	6.0
13	Franklin Coal & Coke Co., No. 2.....	Shaft, 600..	P. & R...	Mch..	Motor....	El....	6	6.0
14	Western Coal & Mining Co., No. 2.....	Shaft, 152..	P. & R...	Both..	M. & M..	St....	6	10.0
15	Old Ben Coal Corp., No. 19.....	Shaft, 567..	P. & R...	Mch..	M. & M..	St....	6	7.8
16	By-Products Coke Corp., No. 19.....	Shaft, 494..	P. & R...	Mch..	M. & M..	St....	6	8.9
17	Chi., Wilm., & Franklin Coal Co., No. 1	Shaft, 520..	P. & R...	Mch..	Motor....	St....	6	9.0
18	Benton Coal Co., No. 2.....	Shaft, 647..	P. & R...	Both..	M. & M..	St....	6	8.0
19	Franklin Coal & Coke Co., No. 1.....	Shaft, 316..	P. & R...	Both..	M. & M..	St....	6	9.0
20	Old Ben Coal Corp., No. 8.....	Shaft, 472..	P. & R...	Mch..	Motor....	St....	6	10.0
21	Old Ben Coal Corp., No. 9.....	Shaft, 476..	P. & R...	Mch..	Motor....	St....	6	10.0
22	Old Ben Coal Corp., No. 10.....	Shaft, 517..	P. & R...	Mch..	M. & C..	St....	6	9.6
23	Old Ben Coal Corp., No. 12.....	Shaft, 500..	P. & R...	Mch..	Motor....	St....	6	6.0
24	Old Ben Coal Corp., No. 14.....	Shaft, 460..	P. & R...	Mch..	Motor....	St....	6	10.0
25	Taylor Mining Co., No. 5.....	Shaft, 331..	P. & R...	Both..	M. & M..	St....	6	10.0
26	United States Fuel Co., Middlefork..	Shaft, 603..	P. & R...	Mch..	Motor....	El....	6	7.6

TABLE 32—Continued

Number	Name of company	Physical characteristics						
		Shaft, depth; slope, length; drift, length; strip, covering feet	Longwall, pillar and room, strip	Hand, machine, both	Haulage—motor, mule, cable	Hoisting—steam, electric, horse	Geological number of seam	Thickness of seam—ft., in.
FULTON COUNTY								
1	Alden Coal Co., No. 6	Shaft, 185	P. & R.	Hand.	Mule	St.	5	4.0
2	Alden Coal Co., No. 8	Shaft, 85	P. & R.	Both.	M. & M.	St.	5	4.0
3	Rawalt Coal Co.	Shaft, 60	P. & R.	Hand.	Mule	St.	5	5.0
4	Big 6 Coal Co., No. 1	Drift	P. & R.	Hand.	Mule	Ho.	5	4.6
5	Binzel Coal Co., No. 1	Shaft, 45	P. & R.	Hand.	Mule	St.	5	4.0
6	Canton Coal Co., Drake	Shaft, 160	P. & R.	Both.	Mule	St.	5	4.2
7	Coal Creek Coal Co., No. 1	Drift	P. & R.	Hand.	Mule	El.	5	4.6
8	Cripple Creek Coal Co., Nos. 1 and 2	Drift						
9	Wm. Donaldson Coal Co.	Shaft, 100	P. & R.	Hand.	M. & M.	St.	5	5.0
10	Eclipse Coal Co., No. 1	Shaft, 64	P. & R.	Hand.	Mule	St.	5	6.0
11	McGloughlin Coal Co.	Shaft, 35	P. & R.	Hand.	Mule	St.	5	4.0
12	Maplewood Colliery Co., No. 1	Shaft, 125	P. & R.	Hand.	M. & M.	St.	5	4.0
13	Middleton Coal Co., No. 1	Shaft, 60	P. & R.	Hand.	Mule	El.	5	5.0
14	Monmouth Coal Co., No. 1	Shaft, 150	P. & R.	Hand.	M. & M.	St.	5	4.2
15	National Mining Co., Nat.	Shaft, 100	P. & R.	Hand.	M. & M.	El.	5	4.0
16	G. and L. Coal Co.	Slope, 122	P. & R.	Hand.	Mule	St.	5	5.0
17	Silver Creek Colliery Co., S. C.	Shaft, 50	P. & R.	Both.	M. & M.	El.	5	4.0
18	Simmons Coal Co., No. 1	Shaft, 124	P. & R.	Both.	M. & M.	St.	5	4.6
19	Spoon River Colliery Co., No. 1	Shaft, 45	P. & R.	Hand.	M. & M.	St.	5	3.6
20	Long & Shuler Coal Co., No. 1	Drift	P. & R.	Hand.	Mule	Ho.	5	5.0
21	Robert Gooden Coal Co.	Shaft, 130	P. & R.	Hand.	Mule	St.	5	4.0
GALLATIN COUNTY								
1	Hickory Hill Coal Co.	Slope, 2,500	P. & R.	Mch.	M. & M.	St.	5	4.6
GRUNDY COUNTY								
1	Chi. Wilm. & Franklin Coal Co., No. 3	Shaft, 198	L. W.	Hand.	Mule	St.	2	3.0
2	Wilmington Star Mining Co., No. 7	Shaft, 136	L. W.	Hand.	Mule	St.	2	3.0
JACKSON COUNTY								
1	Consolidated Coal Co., No. 9	Shaft, 114	P. & R.	Mch.	M. & M.	St.	2	3.8
2	Consolidated Coal Co., No. 10	Shaft, 124	P. & R.	Mch.	M. & M.	St.	2	4.8
3	Gartside Coal Co., No. 4	Shaft, 135	P. & R.	Both.	Mule	St.	2	5.6
4	Jackson Coal Co., No. 1	Shaft, 260	P. & R.	Hand.	Mule	St.	6	10.0
5	Midway Coal Mining Co.	Shaft, 87	P. & R.	Hand.	M. & M.	St.	6	9.0
6	Union Col. Co., Kath	Shaft, 200	P. & R.	Mch.	Motor	El.	6	8.3
7	Western United Gas Coal Co.	Shaft, 120	P. & R.	Both.	Motor	St.	2	3.6
8	Doran Coal Co.	Slope	P. & R.	Hand.	Mule	St.	5	4.0
9	Jackson Peacock Coal Co.	Slope	P. & R.	Hand.	Mule	St.	6	8.0
LASALLE COUNTY								
1	Illinois Zinc Co., No. 3	Shaft, 336	L. W.	Both.	Mule	St.	5	6.0
2	LaSalle County Carbon Coal Co., No. 1	Shaft, 440	L. W.	Hand.	M. & M.	St.	2	3.4
3	LaSalle County Carbon Coal Co. (LaS)	Shaft, 420	L. W.	Both.	M. & M.	St.	2	3.4
4	LaSalle County Carbon Coal Co., Union	Shaft, 550	L. W.	Mch.	M. & M.	El.	2	3.4
5	LaSalle County Carbon Coal Co., No. 5	Shaft, 545	L. W.	Hand.	Mule	St.	2	3.4
6	Seneca Coal Co.	Shaft	L. W.	Hand.	Mule	St.	2	2.3
LIVINGSTON COUNTY								
1	Murphy-Linskey-Kasher, No. 1	Shaft, 210	P. & R.	Both.	Mule	St.	6	4.6
2	Fairbury Coal Co.	Shaft, 155	P. & R.	Hand.	Mule	St.	6	4.6
LOGAN COUNTY								
1	Citizens Coal Mining Co.	Shaft, 266	P. & R.	Hand.	Mule	St.	5	5.8
2	Sangamon Co. Mining Co.	Shaft, 280	P. & R.	Hand.	M. & M.	St.	5	5.2

TABLE 32—Continued

Number	Name of company	Physical characteristics							
		Shaft, depth; slope, length; drift, length; strip, covering feet	Longwall, pillar and room, strip	Hand, machine, both	Haulage—motor, mule, cable	Hoisting—steam, electric, horse	Geological number of seam	Thickness of seam—ft., in.	
MACON COUNTY									
1	Decatur Coal Co., No. 2.....	Shaft, 600.	L. W.....	Hand	M. & M.	St.....	3 & 4	5	4.4
2	Macon County Coal Co., No. 1.....	Shaft, 600.	L. W.....	Hand	M. & M.	St.....		4.5	
3	Niantic Carbon Coal Co.....	Shaft, 365.	L. W.....	Hand	M. & M.	St.....		4.6	
MACOUPIN COUNTY									
1	Consolidated Coal Co., No. 7.....	Shaft, 353.	P. & R.....	Mch.	M. & M.	St.....	6	7.0	
2	Consolidated Coal Co., No. 14.....	Shaft, 285.	P. & R.....	Mch.	M. & M.	St.....	6	7.0	
3	Consolidated Coal Co., No. 15.....	Shaft, 380.	P. & R.....	Mch.	M. & M.	St.....	6	7.6	
4	Royal Colliery Co.....	Shaft, 300.	P. & R.....	Mch.	Motor.....	St.....	6	7.0	
5	Illinois Coal & Coke Corp., No. 3.....	Shaft, 327.	P. & R.....	Both.	M. & M.	St.....	6	7.6	
6	Illinois Coal & Coke Corp., No. 4.....	Shaft, 325.	P. & R.....	Hand	M. & M.	St.....	6	7.0	
7	Madison Coal Corp., No. 5.....	Shaft, 420.	P. & R.....	Mch.	M. & M.	St.....	6	8.0	
8	Standard Oil Co., No. 1.....	Shaft, 268.	P. & R.....	Both.	M. & M.	St.....	6	6.5	
9	Superior Coal Co., No. 1.....	Shaft, 338.	P. & R.....	Mch.	M. & M.	St.....	6	7.6	
10	Superior Coal Co., No. 2.....	Shaft, 321.	P. & R.....	Mch.	M. & M.	St.....	6	7.5	
11	Superior Coal Co., No. 3.....	Shaft, 304.	P. & R.....	Mch.	M. & M.	St.....	6	7.5	
12	Superior Coal Co., No. 4.....	Shaft, 312.	P. & R.....	Mch.	Motor.....	St.....	6	7.5	
13	Bartel Coal Co.....	Shaft, 251.	P. & R.....	Mch.	Mule.....	St.....	6	6.0	
14	Standard Oil Co., No. 2.....	Shaft.....	P. & R.....	Mch.	M. & M.	St.....	6	7.0	
15	Gillespie Coal Co.....	Shaft, 348.	P. & R.....	Mch.	Mule.....	St.....	6	7.0	
MADISON COUNTY									
1	Abbey Coal & Mining Co., No. 1.....	Shaft, 200.	P. & R.....	Hand	Mule.....	St.....	6	6.5	
2	Donk Bros. Coal & Coke Co., No. 2.....	Shaft, 220.	P. & R.....	Mch.	M. & M.	St.....	6	8.0	
3	Donk Bros. Coal & Coke Co., No. 3.....	Shaft, 287.	P. & R.....	Hand	M. & M.	St.....	6	5.6	
4	Edwardsville Coal Co., No. 3.....	Shaft, 220.	P. & R.....	Hand	Mule.....	St.....	6	3.7	
5	East Side Coal Co., No. 1.....	Shaft, 135.	P. & R.....	Hand	Mule.....	St.....	6	6.0	
6	Lumaghi Coal Co., No. 2.....	Shaft, 197.	P. & R.....	Mch.	M. & M.	St.....	6	8.6	
7	Lumaghi Coal Co., No. 3.....	Shaft, 165.	P. & R.....	Hand	M. & M.	St.....	6	7.0	
8	Madison Coal Corp., No. 2.....	Shaft, 86.	P. & R.....	Both.	M. & M.	St.....	6	7.0	
9	Madison County Mining Co.....	Shaft, 135.	P. & R.....	Mch.	Mule.....	El.....	6	5.6	
10	Kerns-Donnewald Coal Co., No. 1.....	Shaft, 270.	P. & R.....	Both.	M. & M.	St.....	6	7.0	
11	New Staunton Coal Co., No. 1.....	Shaft, 286.	P. & R.....	Mch.	M. & M.	St.....	6	6.0	
12	Mt. Olive & Staunton Coal Co., No. 2.....	Shaft, 317.	P. & R.....	Mch.	M. & M.	St.....	6	6.8	
13	Donk Bros. Coal & Coke Co., No. 4.....	Shaft, 198.	P. & R.....	Mch.	M. & M.	St.....	5	5.10	
14	Bullock Mining Co.....	Shaft, 165.	P. & R.....	Hand	Mule.....	St.....	6	6.6	
15	New Castle Mining Co.....	Shaft, 180.	P. & R.....	Mch.	Mule.....	St.....	6	5.6	
16	Jay Coal Co.....	Shaft, 70.	P. & R.....	Both.	Mule.....	St.....	6	5.6	
17	Mizer Coal Co.....	Shaft, 80.	P. & R.....	Mch.	Mule.....	St.....	6	4.6	
MARION COUNTY									
1	Chicago-Sandoval Coal Co., No. 2.....	Shaft, 630.	P. & R.....	Hand	M. & M.	St.....	6	7.6	
2	Marion County Coal Co., No. 1.....	Shaft, 600.	P. & R.....	Both.	M. & M.	St.....	6	6.5	
3	Odin Coal Co.....	Shaft, 714.	P. & R.....	Mch.	M. & M.	St.....	6	6.6	
MARSHALL COUNTY									
1	Toluca Coal Co., No. 1.....	Shaft, 522.	L. W.....	Hand	M. & M.	St.....	2 & 3	2.8	
2	Wenona Coal Co.....	Shaft, 540.	L. W.....	Hand	Mule.....	St.....	6	3.6	
MENARD COUNTY									
1	Union Fuel Co., No. 4.....	Shaft, 200.	P. & R.....	Hand	Mule.....	St.....	5	6.0	
MERCER COUNTY									
1	Alden Coal Co., No. 7.....	Shaft, 92.	P. & R.....	Hand	M. & M.	St.....	1	4.0	
2	Coal Valley Mining Co., No. 3.....	Shaft, 70.	P. & R.....	Hand	M. & M.	St.....	1	4.0	

TABLE 32—Continued

Number	Name of company	Physical characteristics						
		Shaft, depth; slope, length; drift, length; strip, covering feet	Longwall, pillar and room, strip	Hand, machine, both	Haulage—motor, mule, cable	Hoisting—steam, electric, horse	Geological number of seam	Thickness of seam—ft., in.
MONTGOMERY COUNTY								
1	Indiana & Illinois Coal Corp., No. 10	Shaft, 640	P. & R.	Both.	Motor.	El.	6	8.6
2	Indiana & Illinois Coal Corp., No. 11	Shaft, 487	P. & R.	Mch.	M. & M.	St.	6	8.0
3	Indiana & Illinois Coal Corp., No. 12	Shaft, 550	P. & R.	Mch.	Motor.	St.	6	6.0
4	Indiana & Illinois Coal Corp., No. 15	Shaft, 471	P. & R.	Mch.	Motor.	St.	6	6.0
5	Hillsboro Coal Co., No. 1	Shaft, 450	P. & R.	Mch.	M. & M.	St.	6	8.0
6	Nokomis Coal Co., No. 1	Shaft, 642	P. & R.	Mch.	Motor.	St.	6	8.6
7	Shoal Creek Coal Co., No. 1	Shaft, 380	P. & R.	Mch.	M. & M.	St.	6	7.0
MOULTRIE COUNTY								
1	Lovington Coal Mining Co., No. 1	Shaft, 907	P. & R.	Hand.	M. & M.	St.	7	7.0
PEORIA COUNTY								
1	Clark Coal & Coke Co.	Shaft, 185	P. & R.	Hand.	M. & M.	El.	5	4.0
2	Collier Co-operative Coal Co., No. 1	Shaft, 120	P. & R.	Hand.	M. & M.	St.	5	4.6
3	Crescent Coal Co., No. 1	Drift	P. & R.	Both.	Motor.	St.	5	4.0
4	Lancaster Coal Co., No. 1	Drift	P. & R.	Hand.	Mule.	St.	5	4.6
5	East Mapleton Coal Co.	Slope, 500	P. & R.	Hand.	Mule.	St.	5	4.6
6	Logan Coal Co.	Shaft, 240	P. & R.	Mch.	M. & M.	St.	5	4.0
7	M. E. Case Coal Co.	Slope, 1,000	P. & R.	Both.	M. & M.	St.	5	4.8
8	Newsam Bros. Coal Co., No. 4	Shaft, 147	P. & R.	Hand.	Mule.	St.	5	4.6
9	Central West Coal Co., No. 4	Drift, 2,000	P. & R.	Hand.	M. & M.	St.	5	4.6
10	Wolschlag Co-op. Coal Co.	Slope, 500	P. & R.	Both.	M. & M.	St.	5	4.2
11	Newsam Bros. Coal Co. No. 5	Slope	P. & R.	Both.	M. & M.	St.	5	4.6
12	Newsam Bros. Coal Co., No. 6	Shaft, 52	P. & R.	Both.	Mule.	El.	5	4.6
13	Silver Creek Coal Co.	Shaft, 50	P. & R.	Hand.	Mule.	St.	5	4.0
PERRY COUNTY								
1	Bailey Bros. Coal Co.	Shaft, 81	P. & R.	Hand.	Mule.	St.	6	5.0
2	Tamaroa Little Muddy Coal Co.	Shaft, 220	P. & R.	Hand.	Mule.	St.	6	5.8
3	Columbia Collieries Co.	Shaft, 292	P. & R.	Hand.	Mule.	St.	6	7.6
4	Equitable C. & C. Co.	Shaft, 425	P. & R.	Mch.	M. & M.	St.	6	6.10
5	Paradise Coal Co.	Shaft, 365	P. & R.	Both.	M. & M.	St.	6	10.0
6	Jewel Coal Co., No. 1	Shaft, 278	P. & R.	Both.	M. & M.	St.	6	7.0
7	Southern Gem Coal Co., No. 5	Shaft, 160	P. & R.	Hand.	Mule.	St.	6	7.0
8	Security Coal & Mining Co.	Shaft, 90	P. & R.	Mch.	M. & M.	St.	6	7.6
9	Southern Gem Coal Corp., No. 10	Shaft, 110	P. & R.	Hand.	Mule.	St.	6	5.0
10	Victory Colliery Co., No. 1	Shaft, 237	P. & R.	Hand.	Mule.	St.	6	5.9
11	Willis Coal & Mining Co., No. 1	Shaft, 86	P. & R.	Mch.	M. & M.	St.	6	6.0
12	Willis Coal & Mining Co., No. 8	Shaft, 81	P. & R.	Mch.	M. & M.	St.	6	6.0
13	Southern Gem, No. 7	Shaft, 81	P. & R.	Hand.	Mule.	St.	6	6.0
14	Scott-Smith Coal Co.	Shaft	P. & R.	Hand.	Mule.	St.	6	6.0
15	Victory Coal & Mining Co.	Shaft	P. & R.	Mch.	M. & M.	St.	6	5.7
16	Jewel Coal Co., No. 2	Shaft	P. & R.	Mch.	Mule.	St.	6	6.9
17	Wilson Coal Mining Co.	Shaft, 120	P. & R.	Hand.	Mule.	St.	6	6.0
PUTNAM COUNTY								
1	B. F. Berry Coal Co., No. 1	Shaft, 505	L. W.	Hand.	Mule.	St.	2	3.2
2	St. Paul Coal Co., No. 1	Shaft, 485	L. W.	Hand.	Mule.	St.	2	3.0

TABLE 32—Continued

Number	Name of company	Physical characteristics						
		Shaft, depth; slope, length; drift, length; strip, covering feet	Longwall, pillar and room, strip	Hand, machine, both	Haulage—motor, mule, cable	Hoisting—steam, electric, horse	Geological number of seam	Thickness of seam—ft., in.
RANDOLPH COUNTY								
1	Illinois Fuel Co., No. 4.....	Shaft, 80.....	P. & R.....	Mch.....	M. & M.....	St.....	6	6.0
2	Jones Bros. Coal & Mining Co., No. 2.....	Shaft, 200.....	P. & R.....	Hand.....	Motor.....	St.....	6	6.0
3	Madison Coal Corp., Crystal.....	Shaft, 200.....	P. & R.....	Hand.....	Mule.....	St.....	6	6.0
4	Perry Co. Coal Corp.....	Shaft, 180.....	P. & R.....	Hand.....	Mule.....	St.....	6	6.0
5	Moffat Coal Co., No. 1.....	Shaft, 148.....	P. & R.....	Mch.....	Mule.....	St.....	6	6.0
6	Randolph County Coal Co., No. 2.....	Shaft, 330.....	P. & R.....	Hand.....	Mule.....	St.....	6	7.0
7	St. Louis Coal Co.....	Shaft, 196.....	P. & R.....	Hand.....	Mule.....	St.....	6	6.9
8	Willis Coal & Mining Co., No. 6.....	Shaft, 90.....	P. & R.....	Both.....	M. & M.....	St.....	6	6.4
9	Willis Coal & Mining Co., No. 7.....	Shaft, 148.....	P. & R.....	Mch.....	M. & M.....	St.....	6	6.0
10	Willis Coal & Mining Co., No. 9.....	Shaft, 45.....	P. & R.....	Mch.....	Mule.....	St.....	5	4.0
SALINE COUNTY								
1	Dering Coal Co., No. 2.....	Shaft, 456.....	P. & R.....	Mch.....	Motor.....	St.....	5	6.0
2	Southern Counties Coal Co., No. 20.....	Shaft, 465.....	P. & R.....	Mch.....	M. & M.....	St.....	5	4.10
3	Saline Gas Coal Co.....	Shaft, 505.....	P. & R.....	Mch.....	Mule.....	St.....	5	4.0
4	O'Gara Coal Co., No. 12.....	Shaft, 422.....	P. & R.....	Mch.....	M. & M.....	St.....	5	4.10
5	Harrisburg Colliery Co., No. 1.....	Shaft, 416.....	P. & R.....	Mch.....	M. & C.....	St.....	5	5.6
6	Harrisburg Coal Mining Co.....	Shaft, 200.....	P. & R.....	Mch.....	M. & M.....	El.....	5	5.0
7	Heato Coal Co., No. 1.....	Slope, 45.....	P. & R.....	Hand.....	Mule.....	El.....	5	5.10
8	O'Gara Coal Co., No. 1.....	Shaft, 311.....	P. & R.....	Mch.....	M. & M.....	St.....	5	4.8
9	O'Gara Coal Co., No. 3.....	Shaft, 236.....	P. & R.....	Mch.....	M. & M.....	St.....	5	6.0
10	O'Gara Coal Co., No. 8.....	Shaft, 400.....	P. & R.....	Both.....	M. & M.....	St.....	5	4.8
11	O'Gara Coal Co., No. 10.....	Shaft, 426.....	P. & R.....	Mch.....	M. & M.....	St.....	5	4.8
12	O'Gara Coal Co., No. 11.....	Shaft, 426.....	P. & R.....	Mch.....	M. & M.....	St.....	4	1.0
13	O'Gara Coal Co., No. 14.....	Shaft, 145.....	P. & R.....	Mch.....	M. & M.....	St.....	5	6.0
14	O'Gara Coal Co., No. 15.....	Shaft, 65.....	P. & R.....	Mch.....	M. & M.....	St.....	5	5.0
15	Big Creek Coal Co., No. 2.....	Shaft, 100.....	P. & R.....	Mch.....	M. & M.....	El.....	5	6.0
16	Big Creek Coal Co., No. 3.....	Shaft, 256.....	P. & R.....	Mch.....	Motor.....	St.....	5	6.6
17	Wasson Coal Co., No. 1.....	Shaft, 320.....	P. & R.....	Mch.....	M. & M.....	St.....	5	6.0
18	Wasson Coal Co., No. 2.....	Slope.....	P. & R.....	Mch.....	M. & C.....	El.....	5	4.10
19	Dodds Coal Co., No. 1.....	Shaft, 41.....	P. & R.....	Both.....	Mule.....	St.....	5	5.0
SANGAMON COUNTY								
1	Union Fuel Co., No. 3.....	Shaft, 278.....	P. & R.....	Hand.....	M. & M.....	St.....	5	7.0
2	Bissell Coal Co.....	Shaft, 240.....	P. & R.....	Hand.....	M. & M.....	St.....	5	5.6
3	Sangamon Coal Co., No. 3.....	Shaft, 210.....	P. & R.....	Hand.....	M. & M.....	St.....	5	6.0
4	Chicago-Springfield Coal Co.....	Shaft, 230.....	P. & R.....	Hand.....	M. & M.....	St.....	5	6.0
5	Union Fuel Co., No. 5.....	Shaft, 270.....	P. & R.....	Hand.....	Mule.....	St.....	5	6.0
6	Chi., Wilm. & Franklin Coal Co., No. 1.....	Shaft, 300.....	P. & R.....	Mch.....	M. & M.....	St.....	6	6.10
7	Citizens Coal Mining Co. B.....	Shaft, 210.....	P. & R.....	Hand.....	M. & M.....	El.....	5	5.8
8	Dawson Coal Mining Co.....	Shaft, 250.....	P. & R.....	Hand.....	Mule.....	St.....	5	5.0
9	Peerless Coal Co.....	Shaft, 235.....	P. & R.....	Hand.....	M. & M.....	St.....	5	5.10
10	Lincoln Park Coal & Brick Co.....	Shaft, 204.....	P. & R.....	Hand.....	Mule.....	St.....	5	5.10
11	Madison Coal Corp., No. 6.....	Shaft, 328.....	P. & R.....	Mch.....	M. & M.....	St.....	6	8.0
12	Illinois Coal & Coke Corp., No. 1.....	Shaft, 230.....	P. & R.....	Hand.....	M. & M.....	St.....	5	5.8
13	Panther Creek Mine, Inc. No. 1.....	Shaft, 270.....	P. & R.....	Hand.....	M. & M.....	St.....	6	7.6
14	Peabody Coal Co., No. 6.....	Shaft, 204.....	P. & R.....	Hand.....	M. & M.....	St.....	5	6.0
15	Sangamon Coal Co., No. 2.....	Shaft, 265.....	P. & R.....	Hand.....	M. & M.....	St.....	5	5.9
16	Sangamon County Mining Co., Jeff.....	Shaft, 250.....	P. & R.....	Hand.....	M. & M.....	El.....	5	6.0
17	Springfield Co-operative Coal Co.....	Shaft, 250.....	P. & R.....	Hand.....	M. & M.....	St.....	5	6.0
18	Spring Creek Coal Co., No. 1.....	Shaft, 175.....	P. & R.....	Hand.....	M. & W.....	St.....	5	5.8
19	Springfield Dist. C. M. Co. No. 51.....	Shaft, 210.....	P. & R.....	Hand.....	M. & M.....	St.....	5	6.0
20	Springfield Dist. C. M. Co. No. 52.....	Shaft, 233.....	P. & R.....	Hand.....	M. & M.....	St.....	5	5.10
21	Springfield Dist. C. M. Co. No. 53.....	Shaft, 245.....	P. & R.....	Hand.....	M. & M.....	St.....	5	5.8
22	Springfield Dist. C. M. Co. No. 55.....	Shaft, 247.....	P. & R.....	Hand.....	M. & M.....	St.....	5	5.6
23	Springfield Dist. C. M. Co. No. 57.....	Shaft, 227.....	P. & R.....	Hand.....	M. & M.....	St.....	5	5.6
24	Union Fuel Co., No. 22.....	Shaft, 230.....	P. & R.....	Hand.....	M. & M.....	El.....	3	6.0
25	West End Coal Co.....	Shaft, 160.....	P. & R.....	Hand.....	M. & M.....	St.....	5	6.0
26	Illinois Coal & Coke Corp., No. 2.....	Shaft.....	P. & R.....	Hand.....	Mule.....	St.....	5	6.0

TABLE 32—Continued

Number	Name of company	Physical characteristics						Geological number of seam	Thickness of seam—ft., in.
		Shaft, depth; slope, length; drift, length; strip, covering feet	Longwall, pillar and room, strip	Hand, machine, both	Haulage—motor, mule, cable	Hoisting—steam, electric, horse			
SHELBY COUNTY									
1	Moweaqua C. M. & Mfg. Co., No. 1.	Shaft, 620.	P. & R.	Mch.	Motor.	St.	5	5.6	
ST. CLAIR COUNTY									
1	Abend Coal Co., Abend.	Shaft, 150.	P. & R.	Hand.	Mule.	St.	6	7.0	
2	B. B. Coal Co., B. B.	Shaft, 180.	P. & R.	Hand.	Mule.	El.	6	7.6	
3	Columbia Colliery Co., N. F.	Shaft, 125.	P. & R.	Hand.	Mule.	St.	6	6.0	
4	Columbia Colliery Co., N. L.	Shaft, 120.	P. & R.	Hand.	M. & M.	St.	6	6.0	
5	Columbia Colliery Co., Col.	Shaft, 185.	P. & R.	Both.	M. & M.	St.	6	6.0	
6	Columbia Colliery Co., No. 17.	Shaft, 232.		Mch.	M. & M.	St.	6	6.6	
7	Egyptian Coal & Mining Co.	Shaft, 196.	P. & R.	Mch.	M. & M.	St.	6	6.6	
8	Ell Rich Mining Co.	Shaft, 110.	P. & R.	Hand.	M. & M.	St.	6	5.0	
9	Eldnar Coal Co., Eldnar.	Shaft, 110.	P. & R.	Both.	M. & M.	St.	6	7.0	
10	L. & N. Coal Co.	Shaft, 110.	P. & R.	Hand.	M. & M.	St.	6	6.6	
11	New Marissa Coal Co.	Shaft, 119.	P. & R.	Hand.	M. & M.	St.	6	7.0	
12	Glendale Coal Mining Co.	Shaft, 140.	P. & R.	Hand.	Mule.	St.	6	6.0	
13	Golden Rule Coal Co.	Shaft, 60.	P. & R.	Hand.	Mule.	St.	6	6.10	
14	Groom Coal Co.	Shaft, 100.	P. & R.	Hand.	M. & M.	St.	6	7.0	
15	Perry Coal Co., Carbon.	Shaft, 187.	P. & R.	Both.	M. & M.	St.	6	8.0	
16	Perry Coal Co., Taylor.	Shaft, 213.	P. & R.	Hand.	Mule.	St.	6	7.6	
17	General Coal Co.	Shaft, 130.	P. & R.	Hand.	Mule.	St.	6	6.6	
18	Jones Bros. Coal & Mining Co., No. 1.	Shaft, 120.	P. & R.	Hand.	Mule.	St.	6	6.6	
19	Kolb Coal Co., No. 1.	Shaft, 160.	P. & R.	Hand.	M. & M.	St.	6	7.9	
20	Kolb Coal Co., No. 2.	Shaft, 15.	P. & R.	Hand.	M. & M.	St.	6	7.0	
21	Kolb Coal Co., No. 3.	Shaft, 90.	P. & R.	Hand.	M. & M.	St.	6	7.0	
22	Perry Coal Co., S. B.	Shaft, 60.	P. & R.	Hand.	Mule.	St.	6	6.0	
23	Liberty Coal Mining Co., Liberty.	Shaft, 85.	P. & R.	Both.	Mule.	St.	6	6.0	
24	Mulberry Hill Co.	Shaft, 150.	P. & R.	Both.	Mule.	St.	6	7.0	
25	New National Coal Co.	Shaft, 55.	P. & R.	Hand.	Mule.	St.	6	6.5	
26	Guest Coal Co.	Shaft, 185.	P. & R.	Hand.	Mule.	St.	6	6.6	
27	Fallon Coal Co., No. 1.	Shaft, 160.	P. & R.	Hand.	Mule.	St.	6	8.0	
28	O. K. Coal Co.	Shaft, 120.	P. & R.	Hand.	Mule.	St.	6	6.6	
29	Peoples Coal Co., No. 1.	Shaft, 140.	P. & R.	Hand.	Mule.	St.	6	7.0	
30	Perry Coal Company, Pitts.	Shaft, 135.	P. & R.	Hand.	Mule.	St.	6	5.6	
31	Premier Coal & Mining Co., No. 1.	Shaft, 200.	P. & R.	Mch.	Mule.	St.	6	4.8	
32	Aluminum Ore Co.	Shaft, 50.	P. & R.	Hand.	Mule.	St.	6	1.1	
33	Star Coal Co., Star.	Shaft, 80.	P. & R.	Both.	M. & M.	St.	6	9.0	
34	Southern Coal, Coke & Mining Co., No. 1.	Shaft, 183.	P. & R.	Hand.	M. & M.	St.	6	6.6	
35	Southern Coal, C. & M. Co., No. 6.	Shaft, 180.	P. & R.	Hand.	Mule.	St.	6	6.6	
36	Southern Coal, C. & M. Co., No. 7.	Shaft, 130.	P. & R.	Both.	M. & M.	St.	6	7.6	
37	Southern Coal, C. & M. Co., No. 8.	Shaft, 114.	P. & R.	Mch.	M. & M.	St.	6	7.6	
38	St. Louis & O'Fallon Coal Co., No. 1.	Shaft, 145.	P. & R.	Hand.	M. & M.	St.	6	6.6	
39	St. Louis & O'Fallon Coal Co., No. 2.	Shaft, 210.	P. & R.	Mch.	M. & M.	St.	6	6.6	
40	Summit Coal Co., Summit.	Shaft, 180.	P. & R.	Hand.	Mule.	St.	6	7.0	
41	Perry Coal Co., St. Ellen.	Shaft, 209.	P. & R.	Hand.	M. & M.	St.	6	7.0	
42	Suburban Coal & Mining Co.	Shaft, 175.	P. & R.	Hand.	M. & M.	St.	6	6.6	
43	Perry Coal Co., Sup.	Shaft, 16.	P. & R.	Both.	Mule.	St.	6	6.0	
44	Victoria Coal Co.	Shaft, 65.	P. & R.	Both.	M. & M.	St.	6	6.0	
45	Missouri & Illinois Coal Co.	Shaft, 110.	P. & R.	Both.	M. & M.	St.	6	6.6	
46	Quality Coal Mining Co.	Shaft.	P. & R.	Hand.	Mule.	St.	6	6.0	
47	Aloy Gundlach.	Shaft.	P. & R.	Hand.	Mule.	St.	6	6.0	

TABLE 32—Continued

Number	Name of company	Physical characteristics						
		Shaft, depth; slope, length; drift, length; strip, covering feet	Longwall, pillar and room, strip	Hand, machine, both	Haulage—motor, mule, cable	Hoisting—steam, electric, horse	Geological number of seam	Thickness of seam—ft., in.
TAZEWELL COUNTY								
1	Groveland Coal Mining Co., No. 2.....	Shaft, 165.	P. & R.	Hand	Mule.....	El.....	5	4 6
2	Regal Coal Co.....	Shaft, 210.	P. & R.	Hand	Mule.....	St.....	5	4 8
3	Tazewell Coal Co., No. 1.....	Shaft, 165.	P. & R.	Both.	M. & M.	St.....	5	4 8
4	Ubben Coal Co., Ubben.....	Shaft, 90.	P. & R.	Both.	M. & M.	St.....	5	4 6
5	Lake Erie Mining Co.....	Slope, 400.	P. & R.	Hand	Mule.....	El.....	5	4 6
6	East Peoria Mining Co.....	Shaft.....	P. & R.	Hand	Mule.....	St.....	5	4 6
VERMILION COUNTY								
1	Brady Branch Coal Co., No. 1.....	Shaft, 50.	P. & R.	Both.	Mule.....	El.....	7	6 0
2	United Electric Coal Co., No. 1.....	Strip, 38.	Strip.				7	6 0
3	Chicago Colliery Co., No. 1.....	Shaft, 233.	P. & R.	Hand	Mule.....	St.....	7	5 6
4	United Electric Coal Co., No. 4.....	Strip.....	Strip.					
5	Peabody Coal Co., No. 24.....	Shaft, 218.	P. & R.	Both.	M. & M.	St.....	6	6 0
6	Sharon C. & B. Co.....	Shaft, 248.	P. & R.	Hand	Mule.....	St.....	6	5 6
7	Taylor-English Coal Co., No. 2.....	Shaft, 210.	P. & R.	Both.	Mule.....	St.....	6	6 0
8	United Electric Coal Co., No. 5.....	Strip, 40.	Strip.					
9	United Electric Coal Co., No. 6.....	Strip.....	Strip.					
10	United States Fuel Co., Bunsen.....	Shaft, 204.	P. & R.	Hand	M. & M.	St.....	6	6 0
11	United States Fuel Co., No. 4.....	Shaft, 164.	P. & R.	Hand	Motor.....	St.....	6	6 0
12	United States Fuel Co., Verm.....	Shaft, 180.	P. & R.	Both.	M. & M.	St.....	6	6 6
13	I. & I. Coal Co.....	Shaft.....	P. & R.	Hand	Mule.....	St.....	6	6 6
14	Lone Oak Coal Co.....	Slope.....		Hand	Mule.....	St.....	7	6 0
15	Chicago Coal Co.....	Strip.....					6	
WASHINGTON COUNTY								
1	Centralia Coal Co., No. 5.....	Shaft, 540.	P. & R.	Both.	Motor.....	St.....	6	6 0
2	Kuhn Colliery Co.....	Shaft, 300.	P. & R.	Hand	Mule.....	St.....	6	5 6
3	Nashville Mining Co., No. 1.....	Shaft, 425.	P. & R.	Hand	M. & M.	St.....	6	6 0
WHITE COUNTY								
1	White County Mining Co., No. 1.....	Shaft, 640.	P. & R.	Mch.	Mule.....	St.....	7	5 0
WILLIAMSON COUNTY								
1	Consolidated Coal Co., No. 7.....	Shaft, 150.	P. & R.	Hand	M. & M.	St.....	6	8 6
2	Consolidated Coal Co., No. 8.....	Shaft, 171.	P. & R.	Hand	M. & M.	St.....	7	9 0
3	Big Muddy Fuel Co., No. 26.....	Shaft, 120.	P. & R.	Hand	M. & M.	St.....	6	8 0
4	Cameron Coal Co., No. 1.....	Shaft, 250.	P. & R.	Hand	Mule.....	St.....	6	6 0
5	Watson Coal Co., No. 2.....	Slope, 60.	P. & R.	Hand	Mule.....	El.....	6	8 0
6	Cartersville-Big Muddy Coal Co., John.....	Shaft, 90.	P. & R.	Both.	M. & M.	St.....	7	9 0
7	Chicago-Big Muddy Coal Co., No. 1.....	Shaft, 100.	P. & R.	Hand	M. & M.	St.....	6	9 0
8	Consolidated Coal Co., Lake Creek.....	Shaft, 320.	P. & R.	Hand	M. & M.	St.....	6	9 0
9	Chi., Wilm. & Franklin Mining Co., A.....	Shaft, 180.	P. & R.	Both.	M. & M.	St.....	6	9 0
10	Chi., Wilm. & Franklin Mining Co., B.....	Shaft, 246.	P. & R.	Hand	M. & M.	St.....	6	9 0
11	Duncan Coal Co., Dale.....	Shaft, 100.	P. & R.	Hand	M. & M.	St.....	6	8 0
12	Ernest Coal Co., No. 1.....	Shaft, 235.	P. & R.	Both.	M. & M.	St.....	6	10 0
13	Federal Coal Co., No. 25.....	Shaft, 100.	P. & R.	Hand	M. & M.	St.....	7	9 0
14	Hafer Washed Coal Co., No. 3.....	Shaft, 120.	P. & R.	Hand	Mule.....	St.....	7	8 0
15	Henderson-Wallace, No. 1.....	Shaft, 68.	P. & R.	Mch.	Mule.....	El.....	7	7 0
16	Old Ben Coal Corp., No. 17.....	Shaft, 300.	P. & R.	Hand	M. & M.	St.....	6	8 0
17	Old Ben Coal Corp., No. 18.....	Shaft, 267.	P. & R.	Both.	M. & M.	St.....	6	11 0
18	Johnston City Washed Coal Co.....	Shaft, 100.	P. & R.	Hand	M. & M.	St.....	6	6 6
19	Madison Coal Corp., No. 8.....	Shaft, 100.	P. & R.	Hand	M. & M.	St.....	6	9 0
20	Madison Coal Corp., No. 9.....	Shaft, 110.	P. & R.	Both.	M. & M.	St.....	7	9 0
21	Ernest Coal Co., No. 2.....	Shaft, 212.	P. & R.	Both.	M. & M.	St.....	6	7 0
22	Orchard Coal Co., No. 1.....	Shaft, 250.	P. & R.	Hand	Mule.....			
23	Peabody Coal Co., No. 3.....	Shaft, 10.	P. & R.	Both.	M. & M.	St.....	7	8 0
24	Freeman Coal Co.....	Shaft, 240.	P. & R.	Both.	M. & M.	St.....	7	9 0
25	Pratt Bros., Jeffery.....	Shaft, 160.	P. & R.	Hand	M. & M.	St.....	6	9 0

TABLE 32—Concluded

Number	Name of company	Physical characteristics						
		Shaft, depth, slope, length, drift, length, strip, covering feet	Longwall, pillar and room, strip	Hand, machine, both	Haulage—motor, mule, cable	Hoisting—steam, electric, horse	Geological number of seam	Thickness of seam—ft., in.
26	Sincerity Coal Co.	Shaft, 62	P. & R.	Hand	M. & M.	St.	6	9 0
27	Searls Coal Co.	Shaft, 278	P. & R.	Both	M. & M.	St.	6	9 0
28	Sanford Coal Co.	Shaft	P. & R.	Mch.	Mule	St.	6	5 10
29	Binkley Coal Co.	Slope	P. & R.	Hand	Mule	St.	6	6 0
30	Sunrise Coal Co.	Shaft	P. & R.	Hand	Mule	St.	6	6 0
31	Madison Coal Corp., No. 12	Shaft, 100	P. & R.	Mch.	Motor	St.	6	8 0
32	Coal Belt C. Co.	Strip						
33	Watson Coal Co., No. 3	Slope	P. & R.	Hand	Mule	St.	5	4 0
34	Leah Coal Co., No. 1	Shaft	P. & R.	Hand	Mule	St.	5	3 10
35	Carterville Black Diamond	Shaft	P. & R.	Hand	Mule	St.	5	4 0
36	Slogo Coal Co., No. 1	Shaft	P. & R.	Hand	Mule	St.	6	7 0
37	Taylor Mining Co., No. 1	Shaft, 51	P. & R.	Hand	M. & M.	St.	6	7 6
38	Taylor Mining Co., No. 2	Shaft, 135	P. & R.	Hand	M. & M.	St.	6	8 0
39	Taylor Mining Co., No. 3	Shaft, 145	P. & R.	Hand	Mule	St.	6	8 0
40	Sunny Side Mining Co.	Shaft, 150	P. & R.	Hand	M. & M.	St.	7	9 0
41	Scranton & Big Muddy C. M. Co.	Shaft, 160	P. & R.	Both	Mule	St.	7	7 0
42	West Virginia Coal Co.	Shaft, 108	P. & R.	Both	M. & M.	St.	6	8 0
43	St. Louis Coal & Iron Co.	Shaft	P. & R.	Both	M. & M.	St.	6	7 0
44	Old Ben Coal Co., No. 20	Shaft, 220	P. & R.	Both	M. & M.	St.	7	9 0
45	Herrin-Big Muddy Coal Co.	Shaft	P. & R.	Both	M. & M.	St.	6	7 0
46	Vulcan Coal Co.	Shaft	P. & R.	Hand	Mule	St.	6	7 0
47	New Prosperity Coal Co.	Shaft	P. & R.	Hand	Mule	St.	6	7 0
48	Carterville Fuel Co.	Strip					6	7 0
49	Hampton Coal Co., No. 1	Strip					6	10 6
50	Southern Illinois Coal Co.	Strip					6	8 0
WOODFORD COUNTY								
1	Minonk Coal Co., No. 2	Shaft, 553	L. W.	Hand	Mule	St.	2	2 10
2	Roanoke Coal Co., No. 1	Shaft, 480	L. W.	Mch.	Mule	St.	2	2 8

TABLE 33—FATAL ACCIDENTS, NAME, AGE, NATIVITY, DATE, CAUSE OF DEATH, NAME AND LOCATION OF COLLIERY

Name of person killed	Age	Nativity	Date of death	Cause of death	By whom employed	Postoffice of mine
Albrecht, Wm. F....	43	America....	Oct. 22	Shot explosion....	St. L. & O'F. C. Co., No. 2	E. St. Louis
Alleva, Domanick....	38	Italy....	Aug. 12	Falling clod....	Sangamon C. Co., No. 2	Springfield
Anderson Andrew....	26	America....	Dec. 19	Powder explosion....	Slogo Coal Co., No. 1	Marion
Babka, James....	45	Poland....	Oct. 25	Pit car....	Old Ben C. Corp., No. 18	Johnston City
Bardos, Paul....	48	Hungary....	Nov. 5	Falling coal....	Saline Gas Coal Co., No. 1	Harrisburg
Barnes, Harry....	39	Scotland....	Dec. 14	Falling slate....	Big Muddy C. C., No. 26	Marion
Barnett, G. B....	61	America....	Nov. 15	Falling coal....	Equitable C. & C. Co., No. 1	Duquoin
Batuella, Camillio....	21	America....	Mar. 11	Pit car....	Superior Coal Co., No. 4	Gillespie
Baugh, Walter....	50	America....	Feb. 12	Falling rock....	O'Gara Coal Co., No. 11	Eldorado
Berry, Wm. R....	44	America....	Feb. 25	Falling clod....	Spoon River Col. Co., No. 1	London Mills
Blackburn, Ed....	32	America....	Aug. 26	Pit car....	Scranton C. M. Co., No. 1	Marion
Brown, Hiram....	27	America....	Aug. 31	Suffocation....	Harrisburg C. Co., No. 1	Harco
Brown, Louis....	40	America....	Apr. 16	Suffocation....	Acme Coal Co., No. 1	Streator
Brtva, John....	26	Poland....	July 2	Pit car....	C. Wilm. & F.C.C., No. 3	S. Wilmington
Bulkley, Lyman....	18	America....	Aug. 31	Suffocation....	Harrisburg C. Co., No. 1	Harco
Burnett, Robt....	21	America....	Dec. 22	Pit car....	Bell & Zoller M. C., No. 1	Zeigler
Burntucci, Joe....	54	Italy....	Feb. 22	Shot explosion....	Spfld. Dist. C. Co., No. 58	Taylorville
Campbell, Jacob....	51	America....	Mar. 13	Falling rock....	U. S. Fuel Co., Verm., No. 1	Westville
Carr, Irwin....	32	America....	Aug. 5	Falling coal....	Ind. & Ill. C. C., No. 11	Hillsboro
Carlisle, Milas....	40	America....	Sept. 2	R. R. Cars....	C., W. & F. C. Co., No. 1	Orient
Chadwick, James....	40	America....	Dec. 2	Falling slate....	Superior Coal Co., No. 4	Gillespie
Clayton, Virgil....	23	America....	Jan. 17	Motor....	Wasson Coal Co., No. 1	Wasson
Cooper, Fred....	30	England....	Mar. 16	Falling slate....	Bissell Coal Co., No. 1	Springfield
Cramer, Thos....	33	America....	Feb. 28	Pick handle....	Old Ben C. Corp., No. 9	W. Frankfort
Cruse, Rosch....	50	America....	Mar. 14	R. R. Cars....	Chi. & Sandoval C. Co., No. 1	Sandoval
Davis, Dan....	41	America....	Sept. 15	Falling slate....	Marrier & Son....	Westville
Deright, Dominic....	20	Italy....	Jan. 16	Pit car....	Shoal Creek Coal Co., No. 1	Panama
Dick, Omer....	22	America....	Nov. 18	Rock fell down shaft....	O'Gara Coal Co., No. 11	Eldorado
Domich, Joe....	54	Slavonia....	Dec. 1	Falling rock....	Old Ben C. Corp., No. 16	Sesser
Donati, Louis....	28	America....	Oct. 10	Pit car....	Donk Bros. C.&C. Co., No. 4	Collinsville
Donham, Mike....	39	America....	Feb. 3	Pit car....	Benton C. M. Co., No. 1	Benton
Dungin, Thomas....	50	Croatia....	Oct. 31	Shot explosion....	Superior C. Co., No. 4	Gillespie
Durho, Wm....	65	Germany....	Mar. 3	Falling coal....	Decatur C. Co., No. 2	Decatur
Dutkwise, Alex....	43	Lithuania....	Mar. 26	Falling slate....	Sangamon C. M. Co., No. 1	Springfield
Eggerman, Ernest....	36	America....	Feb. 26	Shot explosion....	Spfld. Dist. C. Co., No. 58	Taylorville
Egleton, Anton....	34	Italy....	Dec. 16	Pit car....	Toluca Coal Co., No. 1	Toluca
Ettinger, Cecil....	20	America....	Jan. 13	Struck by cable....	Peabody C. Co., No. 9	Taylorville
Fahey, James....	54	America....	Nov. 22	Pell off engine....	Electric C. Co., No. 1	Danville
Favero, John....	45	Italy....	Jan. 20	Falling coal....	Peabody C. Co., No. 7	Kincaide
Flanagan, Jermier....	24	America....	July 9	Falling scaffold....	Spfld. D. C.M.Co., No. 52	Riverton
Fontanetta, Joe....	43	Italy....	Aug. 1	Powder explosion....	Scranton B. M. C. Co., No. 1	Marion
Franklin, W. O....	42	America....	Feb. 14	Falling rock....	Madison C. C., Crystal	Tilden
Gains, Aris....	46	Greece....	Oct. 22	Electrocuted....	Old Ben C. Corp., No. 16	Sesser
Gatautis, Joe....	27	Russia....	Sept. 27	Falling coal....	U. S. Fuel Co., No. 4	Westville
Gerling, Christh....	66	America....	Jan. 10	Pit car....	Donk Bros. C.&C. Co., No. 3	Troy
Gillespie, Geo....	52	America....	Jan. 28	Falling coal....	Pocahontas M. Co., No. 2	Pocahontas
Gillhan, Eli....	30	America....	Sept. 9	Falling rock....	Groveland C. Co., No. 7	Pekin
Gooden, Quincy....	22	America....	Jan. 28	Pit car....	Consolidated C. Co., No. 7	Herrin
Goodrich, Ernie....	34	America....	Aug. 31	Suffocation....	Harrisburg C. Co., No. 1	Harco
Gozdek, Costine....	19	Russia....	Jan. 14	Pit car....	Franklin C.&C. Co., No. 1	Royalton
Grabowski, Henry....	17	America....	Sept. 8	Motor....	Centralia Coal Co., No. 1	Centralia
Granclousk, Walter....	35	Lithuania....	July 8	Electrocuted....	So. Gem C. Corp., No. 1	W. Frankfort
Grandeolas, Christ....	50	America....	Nov. 15	Falling clod....	Groom Coal Co., No. 1	Belleville
Greulis, Stanley....	19	Lithuania....	Sept. 28	Pit car....	C., W. & F. C. Co., No. 1	Orient
Hall, Oscar....	32	America....	Oct. 7	Falling rock....	Freeman Coal Co., No. 1	Herrin
Hall, Riley....	34	America....	Oct. 13	Falling coal....	Bell & Zoller M. Co., No. 1	Zeigler
Harris, Roscoe....	35	America....	Dec. 24	Motor....	Benton C. M. Co., No. 1	Benton
Hood, Henry....	33	America....	Nov. 3	Falling rock....	J. K. Dering C. Co., No. 1	Eldorado
Hofshaur, Valentine....	41	Slavonia....	Jan. 21	Falling rock....	C., W. & F. C. Co., No. 1	Orient
Hewes, Norman....	36	America....	Jan. 31	Falling coal....	Big Muddy C. Co., No. 26	Marion
Hunter, George....	32	England....	Aug. 31	Suffocation....	Harrisburg Col. Co., No. 1	Harco
Isaac, James....	22	America....	Aug. 22	Machine....	Sandford Coal Co., No. 1	Pittsburg
Jeter, Theodore....	52	America....	Oct. 18	Pit car....	Peabody C. Co., No. 3	Marion
Johnston, Elbert....	33	America....	Nov. 18	Rock fell down shaft....	O'Gara Coal Co., No. 11	Eldorado
Johnson, Geo. W....	41	America....	July 9	Falling scaffold....	Spfld. Dist. M. Co., No. 52	Riverton
Johnson, Rod....	36	Canada....	Dec. 22	Falling clod....	Breese Trenton C. Co., No. 1	Beckemeyer
Kewalla, Walter....	28	Poland....	Oct. 10	Electrocuted....	C., W. & F. C. Co., No. 1	Orient
Kelly, Homer....	28	America....	Feb. 18	Falling coal....	Madison C. Corp., No. 8	Dewmaine
Kelly, Lemmie....	21	America....	Feb. 21	Pell down shaft....	Cameron Coal Co., No. 1	Marion
Kirkpatrick, Edson....	24	America....	Feb. 20	Pit car....	Jewel C. & M. Co., No. 1	Duquoin

TABLE 33—Continued

Name of person killed	Age	Nativity	Date of death	Cause of death	By whom employed	Postoffice of mine
Krainovich, Dan....	25	Austria....	Jan. 6	Falling coal....	Bell & Zoller M. Co., No. 1	Zeigler
Leitard, Louis.....	41	France.....	Mar. 23	Falling rock....	Peabody C. Co., No. 24	Danville
Lescek, Robert.....	38	Austria....	Jan. 23	Suffocation.....	Spfld. D. C. M. Co., No. 57	Springfield
Linkus, Frank.....	19	America....	Dec. 16	Shot explosion....	Jones Bros. C. & M. Co., No. 2	Marissa
Luther, John.....	48	America....	Aug. 31	Suffocation.....	Harrisburg Col. Co., No. 1	Harco
Lyons, Patrick.....	63	Ireland....	Feb. 26	Falling slate....	Sangarron Co. C. Co., No. 1	Lincoln
McAdams, Joe.....	34	America....	Dec. 7	Gas explosion....	Smith-Lohr Coal Co., No. 1	Pana
McDaniels, Charles	61	America....	Dec. 19	Falling slate....	King & Greenwell C. Co., No. 1	Wyoming
McIntosh, William.	52	America....	Sept. 23	Falling slate....	Dork Bros. C. & C. Co., No. 2	Maryville
Malavolti, Doris...	29	Italy.....	Jan. 4	Electrocuted....	Peabody C. Co., No. 9	Taylorville
Marak B.....	60	Austria....	Mar. 29	Falling rock....	Shoal Creek C. Co., No. 1	Pana
Marusak, John.....	50	Slavonia....	Mar. 11	Pit car.....	Superior C. Co., No. 1	Gillespie
Masnos, Toney.....	38	Poland....	Sept. 15	Falling coal....	Old Ben C. Corp., No. 14	Buckner
Melzer, Gus.....	26	Germany....	Feb. 26	Shot explosion....	Spfld. D. C. M. Co., No. 58	Taylorville
Michael, Alex.....	34	America....	Nov. 15	Pit car.....	Spfld. D. C. M. Co., No. 57	Springfield
Miller, Clemens....	40	Lithuania..	Oct. 28	Falling slate....	Consolidated C. Co., No. 17	Collinsville
Miller, John C.....	29	America....	Nov. 29	Falling slate....	Consolidated C. Co., No. 7	Staunton
Mills, Samuel.....	30	America....	Jan. 11	Falling rock....	O'Gara Coal Co., No. 8	Eldorado
Monetti, Chas.....	27	Italy.....	Mar. 1	Shot explosion....	Spfld. D. C. M. Co., No. 58	Taylorville
Moore, Harold.....	21	America....	Feb. 9	Pit car.....	Benton Coal Co., No. 1	Benton
Morris, George.....	63	America....	Sept. 26	Hit by valve....	Benton C. M. Co., No. 2	Benton
Morris, John.....	52	Austria....	Feb. 6	Wheel fell down shaft.....	Wenona Coal Co., No. 1	Wenona
Morris, John.....	26	America....	Oct. 27	Electrocuted....	Consolidated C. Co., L. C.	Johnston City
Moss, Charles.....	36	America....	Aug. 31	Suffocation.....	Harrisburg Col. Co., No. 1	Harco
Mosco, Mike.....	38	America....	Aug. 31	Suffocation.....	Harrisburg Col. Co., No. 1	Harco
Mosley, Henry.....	22	America....	Oct. 20	Falling coal....	Paradise C. Co., No. 1	Duquoin
Moslowksi, Geo.....	30	Russia....	Mar. 9	Falling slate....	Standard Oil Co., No. 1	Carlinville
Oliver, James.....	24	America....	Nov. 23	Falling slate....	Cameron Coal Co., No. 1	Pittsburg
Palmer, Raymond..	46	America....	Feb. 25	Falling clod....	Spoon River Col. Co., No. 1	London Mills
Parlich, John.....	43	Austria....	Mar. 23	Falling rock....	Toluca Coal Co., No. 1	Toluca
Paskavich, Joe Jr..	16	Poland....	Dec. 13	Motor.....	Valier Coal Co., No. 1	Valier
Parker, Sherman....	33	America....	Mar. 11	Pit car.....	Old Ben C. Corp., No. 14	Buckner
Perry, Con.....	38	America....	Oct. 23	Dynamite explosion....	Old Ben C. Corp., No. 18	Johnston City
Phegley, Howard...	35	America....	Mar. 18	Electrocuted....	U. S. Fuel Co., Mid. Fk., No. 1	Benton
Pich, Andy.....	35	Austria....	Dec. 7	Falling coal....	Bell & Zoller M. Co., No. 1	Zeigler
Piprek, John.....	37	Poland....	Oct. 31	Falling coal....	Shoal Creek C. Co., No. 1	Pana
Pisoni, Louis.....	49	Italy.....	Nov. 4	Electrocuted....	C. W. & F. C. Co., No. 1	Herrin
Powell, Chas.....	26	America....	Dec. 15	Powder explosion	Slogo Coal Co., No. 1	Marion
Quick, William....	30	America....	Dec. 13	Falling rock....	L. & C. Coal Co., No. 1	Danville
Ratchliffe, Don...	30	England....	Dec. 28	Powder explosion	Bissell Coal Co., No. 1	Springfield
Ratchliffe, Fred...	28	England....	Dec. 26	Powder explosion	Bissell Coal Co., No. 1	Springfield
Rawlins, Wm. P....	23	America....	July 27	Pit car.....	Big Creek C. (Inc.), No. 3	Harrisburg
Reeder, Herbert...	28	America....	Aug. 31	Suffocation.....	Harrisburg Col. Co., No. 1	Harco
Reckart, John.....	42	America....	Nov. 18	Falling coal....	Hillsboro Coal Co., No. 1	Hillsboro
Reimler, Julius...	47	America....	Dec. 13	R. R. Car.....	Dork Bros. C. & C. Co., No. 1	Collinsville
Rich, Harry.....	35	America....	Aug. 14	Falling rock....	Old Ben C. Corp., No. 9	W. Frankfort
Richardson, James W.	53	America....	Aug. 5	R. R. Car.....	Consolidated C. Co., No. 7	Herrin
Riston, Tom.....	2	England....	Sept. 2	Suffocation.....	Harrisburg Col. Co., No. 1	Harco
Sadowski, Peter...	52	Lithuania..	Sept. 27	Blood poison..	Superior C. Co., No. 4	Gillespie
Sandmeyer, Joseph.	62	America....	Feb. 20	Falling rock....	So. C. C. & M. Co., No. 7	Belleville
Savill, William....	62	America....	Apr. 16	Suffocation.....	Acme Coal Co., No. 1	Streator
Schawbb, John.....	41	America....	Sept. 26	Falling slate....	Glendale C. Co., No. 1	Freeburg
Sewell, Bert.....	21	America....	July 18	Fell down shaft.	Big Creek C. Co., No. 4	Harrisburg
Shaffer, Matt.....	39	Croatia....	July 8	Falling slate....	U. S. Fuel Co., (Bunsen), No. 1	Georgetown
Short, Harold.....	23	America....	Nov. 5	Falling slate....	Willis C. & M. Co., No. 8	Willisville
Shuneman, Wm.....	34	America....	Jan. 4	Falling rock....	Harrisburg Col. Co., No. 1	Harco
Skinner, Josh.....	53	America....	Aug. 8	Falling clod....	Abbey Coal Co., No. 1	Collinsville
Slagle Peter W.....	59	America....	Nov. 14	Cage.....	Ill. C. & C. Corp., No. 4	Girard
Smith, John.....	47	America....	Aug. 31	Falling rock....	O'Gara Coal Co., No. 11	Eldorado
Smith, Roy.....	26	America....	July 28	Motor.....	C. W. & F. C. Co., No. 1	Orient
Stehonebi, Charles.	46	Russia....	April 13	Falling coal....	Searle Coal Co., No. 1	Johnston City
Stewart, David.....	42	Scotland..	Aug. 31	Suffocation.....	Harrisburg C. Co., No. 1	Harco
Stuebe, Charley...	62	Germany....	Oct. 26	Falling rock....	U. S. Fuel Co., No. 4	Westville
Sullivan, James....	44	America....	Jan. 23	Falling coal....	St. L. & O'F. C. Co., No. 2	E. St. Louis
Thomas, Frank.....	24	America....	Oct. 27	Falling rock....	Peabody C. Co., No. 24	Danville
Tippling, George...	21	England....	Feb. 27	Motor.....	Benton C. M. Co., No. 1	Benton
Titus, David.....	52	America....	Jan. 10	Falling clod....	Consolidated C. Co., No. 17	Collinsville
Tondello, Matt....	33	Italy.....	Oct. 12	Falling clod....	New Staunton C. Co., No. 1	Livingston
Tortino, John.....	38	Italy.....	Oct. 27	Falling coal....	Old Ben C. Corp., No. 17	Johnston City
Trasp, Frank.....	25	Lithuania..	Sept. 26	Motor.....	Old Ben C. Corp., No. 18	Johnston City

TABLE 33—Concluded

Name of person killed	Age	Nativity	Date of death	Cause of death	By whom employed	Postoffice of mine
Tucker, Ora	34	America	Jan. 18	Suffocation	Midway C. & M. Co.	De Soto
Vaughn, Hershel	26	America	Aug. 31	Suffocation	Harrisburg Col. Co.	Harco
Venegonia, Joseph	17	Italy	Feb. 22	Pit car	Consolidated C.Co., No. 10	Murphysboro
Vuckerich, George	29	Serbia	Sept. 12	Gas explosion	Consolidated C.Co., No. 8	Clifford
Waitkus, Alex.	47	Lithuania.	Sept. 28	Falling coal.	Donk Bros. C. & C. Co. No. 2	Maryville
Waller, James.	28	England.	Sept. 14	Falling rock.	U. S. Fuel Co., Mid. Fk.	Benton
Wanless, Mark	26	America	Nov. 29	Falling slate	Big Muddy C. Co., No. 26	Marion
Warwick, George.	30	America	Aug. 31	Suffocation	Harrisburg Col. Co., No. 1	Harco
Wieslka, John	32	Slavonia.	Nov. 14	Motor	Bell & Zoller M. Co., No. 1	Zeigler
Wilson, J. A.	67	America	Aug. 20	Falling rock.	Hickory Hill C. Co.	Equality
Yonkers, John	28	Poland.	Apr. 26	Falling clod.	Bartels Coal Co.	Carlinville
Zambaldi, Joseph.	39	Italy	Sept. 12	Falling rock.	Donk Bros. C. & C. Co. No. 2	Troy
Zardo, Augustine.	29	Italy	Aug. 3	Falling rock.	Peerless Coal Co.	Springfield
Zawichelli, Primo.	38	Italy	Dec. 4	Falling rock.	Standard Oil, No. 1.	Carlinville
Zimmer, Charles E.	26	America	Nov. 21	Falling car lift.	U. S. Fuel Co., Bunsen.	Westville
Zizich, George.	38	Montenegro	Feb. 13	Falling coal.	Old Ben C. Corp., No. 11	Christopher

TABLE 34—FATAL ACCIDENTS, LOCATION AND CAUSE

Where accidents occurred and cause of death	Number killed
UNDERGROUND ACCIDENTS.....	147
1. Fall of roof and sides.....	71
(a) At working face.....	28
(b) In room or chamber.....	32
(c) On road, entry or gangway.....	11
2. Mine cars and locomotives.....	29
(a) Switching and spragging.....	1
(b) Coupling cars.....	1
(c) Falling from trip.....	2
(d) Run over by car or locomotive.....	12
(e) Caught between car and rib.....	7
(f) Caught between car and roof.....	4
(g) Runaway car or trip.....	2
3. Gas explosions.....	15
(a) Due to shot.....	2
(b) Due to open light.....	13
4. Explosives.....	17
(a) Drilling out shot.....	2
(b) Firing dead holes.....	3
(c) Blown out shots.....	5
(d) Premature shots.....	2
(e) Miscellaneous.....	5
5. Electricity.....	8
(a) Direct contact with trolley wire.....	3
(b) Contact with machine.....	3
(c) Miscellaneous.....	2
6. Other causes.....	7
(a) Hand tools.....	1
(b) Machinery.....	1
(c) Miscellaneous.....	5
SHAFT ACCIDENTS.....	6
7. Falling down shaft.....	2
8. Struck by cage.....	1
9. Objects falling down shaft.....	3
SURFACE ACCIDENTS.....	6
10. Railway cars and locomotives.....	5
11. Struck by cable.....	1
Total.....	159

TABLE 35—FATAL ACCIDENTS BY DISTRICTS

District	Number				Killed underground					In shaft		On surface			
	Killed	Married	Single	Dependents	Falls of roof and sides	Mine cars and locomotives	Gas explosions	Explosives	Electricity	Other causes	Falling down shaft	Struck by cage	Objects falling down shaft	Railway cars and locomotives	Other causes
First.....	4	4	..	7	1	1	..	..	..	2	..	..	..	..	..
Second.....	6	4	2	15	3	1	..	1	..	..	..	..	1	..	..
Third.....	2	1	1	4	2	..	..	..	..	..	..	..	..	..	..
Fourth.....	11	9	2	22	5	1	..	3	..	2	..	..	..	..	..
Fifth.....	19	15	4	43	10	..	1	4	1	1	..	..	..	1	1
Sixth.....	15	9	6	37	9	3	..	1	..	1	..	1	..	..	..
Seventh.....	10	8	2	27	5	2	..	1	..	..	..	..	..	2	..
Eighth.....	8	8	..	27	7	..	..	1	..	..	..	..	..	..	..
Ninth.....	9	3	6	11	4	3	..	2	..	..	..	..	..	..	..
Tenth.....	27	16	11	57	10	11	..	..	4	1	..	..	..	1	..
Eleventh.....	24	17	7	56	7	2	12	2	..	..	1	..	2	..	..
Twelfth.....	24	15	9	50	8	5	..	4	3	..	1	..	..	1	..
Total.....	159	109	50	356	71	29	15	17	8	7	2	1	3	5	1

TABLE 36—FATAL ACCIDENTS BY OCCUPATIONS

Occupation	Total	Districts											
		1st	2d	3d	4th	5th	6th	7th	8th	9th	10th	11th	12th
Cager.....	1	...	1	...	...	...	...	...	...	...	...	...	...
Drivers.....	10	1	1	...	1	1	1	...	...	1	1	1	2
Electrician.....	1	...	...	...	...	...	...	...	...	...	...	1	...
Foremen.....	3	1	...	...	...	...	...	...	...	...	2	...	...
Laborers.....	18	...	...	...	2	3	1	3	...	2	3	2	2
Loaders.....	6	...	...	...	...	...	...	...	...	1	4	1	...
Machine helpers.....	3	...	...	...	...	...	...	...	...	...	1	...	2
Machine runners.....	5	...	...	...	...	1	1	...	2	...	1	...	...
Mine examiner.....	1	...	...	...	...	1	...	...	...	...	...	...	...
Miners.....	83	1	4	2	7	9	11	5	6	4	8	15	11
Mine manager.....	2	1	...	...	...	...	...	...	...	...	...	...	1
Motormen.....	2	...	...	...	...	...	...	...	...	...	...	...	...
Shotfirers.....	7	...	...	...	1	4	...	...	...	...	2	...	2
Timbermen.....	5	...	...	...	...	...	...	1	...	...	...	2	2
Trackman.....	1	...	...	...	...	...	...	...	...	...	...	1	...
Trappers.....	1	...	...	...	...	...	...	...	...	1	1	...	...
Trip riders.....	9	...	...	...	...	...	1	1	...	...	4	1	2
Total.....	159	4	6	2	11	19	15	10	8	9	27	24	24

TABLE 37

Districts	Number killed	Number married	Number single	Number dependents	Number injured	Number not returned to work	Days lost by men returned	Average days lost
First.....	4	4	.....	7	198	27	9,354	55
Second.....	6	4	2	15	78	12	3,473	53
Third.....	2	1	1	4	39	5	1,399	41
Fourth.....	11	9	2	22	389	32	19,118	54
Fifth.....	19	15	4	43	269	22	16,109	65
Sixth.....	15	9	6	37	571	55	29,944	58
Seventh.....	10	8	2	27	322	76	13,935	57
Eighth.....	8	8	.....	27	235	40	11,824	60
Ninth.....	9	3	6	11	355	55	17,115	57
Tenth.....	27	16	11	57	678	46	37,247	59
Eleventh.....	24	17	7	56	346	45	18,876	63
Twelfth.....	24	15	9	50	399	54	18,798	54
Total.....	159	109	50	356	3,879	469	197,192	58

TABLE 38—ACCIDENTS BY DISTRICTS, RATIOS AND PROPORTIONS

District	Number killed	Number injured	Number men employed	Tons produced	Number employed to each man		Tons ruined to each man		Ratio of fatal accidents per 1,000 employed	Ratio of non-fatal accidents per 1,000 employed
					Killed	Injured	Killed	Injured		
First.....	1	194	4,572	1,300,876	4,572	24	1300,876	6,706	.2	42.4
Second.....	4	72	3,325	1,857,596	4,831	46	461,399	25,800	1.2	21.7
Third.....	2	38	2,404	1,211,503	1,202	63	605,751	31,882	.8	15.8
Fourth.....	11	389	9,153	6,204,873	832	24	564,078	15,951	1.2	42.5
Fifth.....	11	265	8,047	5,969,428	473	30	351,143	22,526	2.1	32.9
Sixth.....	15	571	10,903	7,517,272	727	19	501,151	13,165	1.4	52.4
Seventh.....	10	322	5,707	3,961,777	571	18	396,178	12,304	1.8	56.4
Eighth.....	8	230	8,080	5,305,280	1,010	35	663,160	23,066	1.0	28.5
Ninth.....	9	355	7,997	5,261,432	889	23	584,604	14,821	1.1	44.4
Tenth.....	27	678	14,840	9,999,917	550	22	370,367	14,749	1.8	45.7
Eleventh.....	24	346	6,228	4,137,125	260	18	172,380	11,957	3.9	55.6
Twelfth.....	24	399	12,425	8,679,014	518	31	361,626	21,752	1.9	32.1
Shipping mines	152	3,859	93,681	61,406,093	616	24	403,987	15,912	1.6	41.2
Local mines...	*7	†20	4,409	1,870,734	630	220	267,248	93,537	1.6	4.5
Total.....	159	3,879	98,090	63,276,827	617	25	397,967	16,313	1.6	39.5

*Three in the first, two in the second and two in the third district.

†Four in the first, six in the second, one in the third, four in the fifth and five in the eighth district.

TABLE 39—NON-FATAL ACCIDENTS—TIME LOST—BY OCCUPATION AND CAUSE

Occupation	Number injured losing 30 or more days	Number not returned to work	Average days lost by men returned	Cause of accident	Number injured losing 30 or more days	Number not returned to work	Average days lost by men returned
Asst. mine managers.	3	1	37	Animals	46	3	57
Blacksmiths	21	2	65	Boiler explosion	4		50
Cagers	25	4	63	Cage	24	3	123
Carpenters	10	1	69	Electricity	52	6	55
Couplers	18	2	62	Falling roof and sides	1,088	143	59
Drivers	338	38	57	Fall of person	162	19	61
Engineers	4		69	Flying particles	60	4	63
Firemen	10	2	58	Gas explosion	18	2	40
Foremen	11	2	85	Hand tools	110	9	51
Laborers	305	44	60	Lifting	279	32	59
Loaders	1,212	114	60	Machinery	18	3	60
Machine men	323	40	59	Mining machine	144	18	60
Mine examiners	4		44	Motors	14	1	84
Mine managers	4		63	Pit cars	963	116	59
Miners	1,095	168	54	Powder explosion	10	1	68
Motormen	61	11	57	Railway cars	7	1	44
Shot firers	14	3	52	Shot explosion	20	7	69
Spraggers	12	2	66	Struck by objects	362	34	52
Timbermen	104	12	61	Miscellaneous	217	29	51
Trackmen	80	3	55	Not stated	281	38	55
Trappers	25	2	51				
Trip riders	200	18	55				
Total	3,879	469	58		3,879	469	58

TABLE 40—NON-FATAL ACCIDENTS FOR TEN YEARS UNDER COMPULSORY AND ELECTIVE COMPENSATION AND THE AVERAGE BY TEN YEAR PERIODS BEFORE COMPENSATION ACT WAS PASSED

Year	Number injured losing 30 or more days	Total number employed	Total tons mined	Number employed to one man injured	Ratio per 1,000 employees	Number of tons mined to one man injured	Falls of roof and sides	Other causes
1922	3,879	98,090	63,276,827	25	39.5	16,313	1,088	2,791
1921	4,327	95,763	80,121,948	22	45.2	18,517	1,442	2,885
1920	3,571	88,192	73,920,653	25	40.5	20,700	1,017	2,554
1919	2,620	90,897	75,099,784	35	28.8	28,664	811	1,809
1918	2,161	91,372	89,979,469	42	23.6	41,638	713	1,448
Total five years of compulsory compensation	16,558	464,314	382,398,681	28	35.7	23,095	5,071	11,487
1917	1,634	80,893	78,983,537	50	20.2	48,338	597	1,037
1916	1,305	79,919	63,675,530	58	17.2	48,792	501	804
1915	1,013	75,607	57,601,694	75	13.4	56,862	450	563
1914	1,071	80,035	60,715,795	75	13.4	56,691	472	599
1913	1,025	79,497	61,846,204	78	12.9	60,338	442	583
Total five years of elective compensation	6,048	395,951	322,822,760	65	15.3	53,377	2,462	3,586

AVERAGE BY TEN YEAR PERIODS BEFORE COMPENSATION ACT WAS PASSED

Average 1912-1903	653	66,784	45,016,623	102	9.8	68,917	319	334
Average 1902-1893	519	38,487	21,850,269	74	13.5	42,076	291	228
Average 1892-1883	237	28,275	13,690,748	120	8.4	57,864	152	85
Average, 30 years	470	44,515	26,852,547	96	10.6	57,174	254	216

TABLE 41—SUMMARY BY DISTRICTS, NUMBER OF MINES AND GRADED OUTPUT

Districts	Number of mines	Total tons of coal produced	Tons of different grades					
			Mine run	Lump	Egg	Nut	Pea	Slack
First.....	111	1,689,343	643,872	490,149	307,352	21,930	172,232	53,808
Shipping..	19	1,300,876	374,684	386,533	307,352	21,930	156,569	53,808
Local.....	92	388,467	269,188	103,616	.....	.....	15,663	.....
Second.....	133	2,197,924	1,186,292	549,389	122,995	12,347	301,236	25,667
Shipping..	23	1,857,596	1,000,934	427,118	122,995	8,689	273,745	24,115
Local.....	110	340,328	185,358	122,269	.....	3,658	27,491	1,552
Third.....	376	1,591,068	497,269	342,225	382,897	9,256	287,828	71,593
Shipping..	21	1,211,503	246,667	228,333	371,028	9,256	284,626	71,593
Local.....	355	379,565	250,602	113,892	11,869	.....	3,202	.....
Fourth.....	66	6,304,257	837,333	1,901,706	1,573,127	176,020	1,715,709	100,362
Shipping..	29	6,204,873	816,866	1,846,801	1,573,127	176,020	1,691,697	100,362
Local.....	31	99,384	20,467	54,905	.....	.....	24,012	.....
Fifth.....	99	6,223,776	2,434,440	1,888,305	310,883	193,278	1,348,661	48,209
Shipping..	31	5,969,428	2,200,201	1,874,599	310,883	193,278	1,342,258	48,209
Local.....	68	254,348	234,239	13,706	.....	.....	6,403	.....
Sixth.....	30	7,527,996	1,265,753	3,326,453	886,223	69,137	1,426,931	553,499
Shipping..	22	7,517,272	1,255,992	3,325,490	886,223	69,137	1,426,931	553,499
Local.....	8	10,724	9,761	963	.....	.....	.....	.....
Seventh....	36	3,995,348	710,941	1,304,440	581,434	221,956	989,646	186,931
Shipping..	21	3,961,777	697,677	1,293,440	581,434	220,956	982,339	185,931
Local.....	9	33,571	13,264	11,000	.....	1,000	7,307	1,000
Eighth.....	71	5,473,442	1,410,872	1,766,767	723,642	202,558	1,319,734	49,869
Shipping..	52	5,305,280	1,264,365	1,751,089	717,865	202,558	1,319,534	49,869
Local.....	19	168,162	146,507	15,678	5,777	.....	200	.....
Ninth.....	78	5,373,660	2,017,842	957,842	828,008	326,871	1,213,519	29,578
Shipping..	36	5,261,432	1,944,675	937,672	828,008	326,871	1,194,628	29,578
Local.....	39	112,228	73,167	20,170	.....	.....	18,891	.....
Tenth.....	25	9,999,917	1,552,896	1,433,757	1,757,898	1,463,747	3,405,063	386,556
Shipping..	25	9,999,917	1,552,896	1,443,757	1,757,898	1,463,747	3,405,063	386,556
Eleventh....	30	4,158,307	1,163,447	599,903	740,952	267,273	1,306,453	80,277
Shipping..	20	4,137,125	1,152,552	591,418	740,952	267,273	1,304,653	80,277
Local.....	19	21,182	10,897	8,485	.....	.....	1,800	.....
Twelfth....	81	8,741,789	2,308,180	1,217,181	1,231,131	963,931	2,776,474	244,992
Shipping..	50	8,679,014	2,263,608	1,205,339	1,231,131	963,931	2,770,013	244,992
Local.....	31	62,775	44,572	11,742	.....	.....	6,451	.....
The State...	1,133	63,276,827	16,029,139	15,778,015	9,446,542	3,928,304	16,263,486	1,831,341
Shipping..	352	61,406,093	14,771,117	15,301,589	9,428,896	3,923,646	16,152,056	1,828,789
Local.....	781	1,870,734	1,258,022	476,426	17,646	4,658	111,430	2,552

TABLE 42—SUMMARY BY DISTRICTS, DISPOSITION OF OUTPUT

District and mines	Disposition of output—tons						
	Loaded on cars for shipment	Sold to railroad companies	Supplied to loco-motives	Sold to local trade	Consumed or wasted at mine	Coal not sold including loss in preparing	Tons washed or specially prepared
First.....	463,141	548,212	28,719	443,962	176,746	28,560	121,199
Shipping.....	463,141	548,212	28,719	139,956	92,285	28,560	121,199
Local.....				304,006	84,461		
Second.....	753,215	957,515	33,784	406,737	36,355	10,318	
Shipping.....	753,215	957,515	33,784	77,424	27,792	7,866	
Local.....				329,313	8,563	2,452	
Third.....	632,946	540,606		393,189	22,951	1,376	
Shipping.....	632,946	540,606		16,557	20,018	1,376	
Local.....				376,632	2,933		
Fourth.....	3,718,474	1,964,914	23,899	452,951	135,322	8,797	
Shipping.....	3,718,474	1,964,914	23,899	357,002	131,787	8,797	
Local.....				95,849	3,535		
Fifth.....	3,618,255	1,883,203	37,374	514,046	151,830	19,068	33,103
Shipping.....	3,618,255	1,883,203	37,374	304,641	106,887	19,068	33,103
Local.....				209,405	44,943		
Sixth.....	2,632,728	4,520,794	13,914	116,674	190,885	53,001	438,500
Shipping.....	2,632,728	4,520,794	13,914	106,160	190,675	53,001	438,500
Local.....				10,514	210		
Seventh.....	2,806,725	826,221	818	218,457	132,204	11,923	152,632
Shipping.....	2,806,725	825,221	818	186,721	130,369	11,923	152,632
Local.....				31,736	1,835		
Eighth.....	3,883,084	1,014,471	121,504	266,064	145,318	43,001	
Shipping.....	3,883,084	1,014,471	121,504	104,267	138,953	43,001	
Local.....				161,795	6,365		
Ninth.....	2,917,210	1,989,744	51,302	193,957	199,307	22,140	
Shipping.....	2,917,210	1,989,744	51,302	84,405	196,631	22,140	
Local.....				109,552	2,676		
Tenth.....	7,014,016	2,062,961	1,087	120,202	298,888	502,763	2,720,763
Shipping.....	7,014,016	2,062,961	1,087	120,202	298,888	502,763	2,720,763
Local.....							
Eleventh.....	2,999,976	899,290	1,857	93,326	95,112	68,746	153,951
Shipping.....	2,999,976	899,290	1,857	72,794	94,462	68,746	153,951
Local.....				20,532	650		
Twelfth.....	6,701,208	1,557,353	5,180	148,858	222,649	106,541	728,273
Shipping.....	6,701,208	1,557,353	5,180	86,659	222,073	106,541	728,273
Local.....				62,199	576		
The State.....	38,140,978	18,764,287	319,438	3,368,323	1,807,567	876,234	4,348,421
Shipping.....	38,140,978	18,764,287	319,438	1,656,788	1,650,820	873,782	4,348,421
Local.....				1,711,535	156,747	2,452	

TABLE 43—SUMMARY BY DISTRICTS, HAND AND MACHINE MINING, PRICE PAID PER TON, NUMBER OF MACHINES USED, POWDER, DYNAMITE AND PERMISSIBLE EXPLOSIVES.

Districts	Tons mined by		Average price per ton for—		Number of machines in use	Explosives used for blasting coal		
	Hand	Machine	Hand mining	Machine mining		Kegs of powder	Pounds of dynamite	Pounds of permissible explosives
First.....	1,364,850	324,493	1.38	1.066	38	22,972		
Shipping....	1,027,936	272,940	1.353	1.066	35	11,747		
Local.....	336,914	51,553	1.489	day work	3	11,225		
Second.....	1,030,104	1,167,820	1.196	1.07	84	66,203	25	
Shipping....	689,766	1,167,820	1.166	1.07	84	46,385	25	
Local.....	340,328		1.278			19,819		
Third.....	909,934	681,134	1.262	1.08	73	62,097	4,250	
Shipping....	530,369	681,134	1.15	1.08	73	46,352	4,250	
Local.....	379,565		1.492			15,745		
Fourth.....	5,349,986	954,271	1.081	1.01	53	291,518	20,380	
Shipping....	5,250,602	954,271	1.08	1.01	53	286,877	20,380	
Local.....	99,384		1.115			4,641		
Fifth.....	2,448,099	3,775,677	1.082	0.99	216	99,558	22,227	1,500
Shipping....	2,203,244	3,766,084	1.082	0.99	215	92,572	22,227	1,500
Local.....	244,755	9,593	1.08	day work	1	6,986		
Sixth.....	299,368	7,288,628	1.09	1.01	436	67,291	500	
Shipping....	288,644	7,288,628	1.08	1.01	436	66,920	500	
Local.....	10,724		1.40			371		
Seventh.....	593,450	3,401,898	1.074	1.005	198	61,940	567	
Shipping....	583,879	3,377,898	1.06	1.005	196	61,741	567	
Local.....	9,571	24,000	2.088	1.01	2	199		
Eighth.....	3,018,476	2,454,966	1.08	1.01	174	164,426	1,690	
Shipping....	2,850,314	2,454,966	1.08	1.01	174	158,649	1,690	
Local.....	168,162		1.08			5,777		
Ninth.....	1,780,147	3,593,513	1.061	.984	232	96,058		134,775
Shipping....	1,667,919	3,593,513	1.047	.984	232	90,829		134,775
Local.....	112,228		1.292			5,229		
Tenth.....	739,146	9,260,771	1.04	0.97	665	11,295	100	1,586,802
Shipping....	739,146	9,260,771	1.04	0.97	665	11,295	100	1,586,802
Local.....								
Eleventh.....	93,326	4,064,981	1.04	0.97	291	19,163		175,250
Shipping....	72,144	4,064,981	1.04	.97	291	18,195		175,250
Local.....	21,182		1.04			968		
Twelfth.....	4,396,174	4,345,615	1.04	0.97	308	221,678	1,062	439,653
Shipping....	4,333,399	4,345,615	1.04	.97	308	219,607	1,062	439,653
Local.....	62,775		1.04			2,071		
The State.....	22,023,060	41,253,767	1.10	0.992	2,768	1,184,200	50,801	2,337,980
Shipping....	20,237,472	41,168,621	1.08	.992	2,762	1,111,169	50,801	2,337,980
Local.....	1,785,588	85,146	1.287	1.01	6	73,031		

TABLE 44—SUMMARY BY DISTRICTS—EMPLOYEES, DAYS WORKED, ACCIDENTS, ANIMALS UNDERGROUND, AND MOTORS IN USE.

District	Employees			Boys under 21 yrs. under ground	Boys under 21 yrs. on surface	Average days worked	Casualties		Motors	Number of animals
	Under ground	On surface	Total				Killed	Injured		
First.....	4,841	626	5,467	217	16	150	4	198	12	615
Shipping.....	4,099	473	4,572	217	16	115	1	194	12	615
Local.....	742	153	895	.....	.....	157	3	4	.....	.....
Second.....	3,706	443	4,149	128	7	138	6	78	41	309
Shipping.....	3,009	316	3,325	128	7	152	4	72	41	309
Local.....	697	127	824	.....	.....	135	2	6	.....	.....
Third.....	3,324	320	3,644	78	2	129	2	39	25	183
Shipping.....	2,205	199	2,404	78	2	125	2	38	25	183
Local.....	1,119	121	1,240	.....	.....	130	.....	1	.....	.....
Fourth.....	8,614	740	9,354	346	20	148	11	389	98	489
Shipping.....	8,442	711	9,153	346	20	157	11	389	98	489
Local.....	172	29	201	.....	.....	139	.....	.....	.....	.....
Fifth.....	7,452	1,038	8,490	420	24	148	19	269	125	330
Shipping.....	7,066	981	8,047	420	24	129	17	265	125	330
Local.....	386	57	443	.....	.....	156	2	4	.....	.....
Sixth.....	10,071	880	10,951	669	53	133	15	571	179	380
Shipping.....	10,034	869	10,903	669	53	127	15	571	179	380
Local.....	37	11	48	.....	.....	151	.....	.....	.....	.....
Seventh.....	5,229	556	5,785	278	24	128	10	322	82	294
Shipping.....	5,162	545	5,707	278	24	127	10	322	82	294
Local.....	67	11	78	.....	.....	131	.....	.....	.....	.....
Eighth.....	7,581	765	8,346	323	43	124	8	235	91	569
Shipping.....	7,343	737	8,080	323	43	111	8	230	91	569
Local.....	238	28	266	.....	.....	160	.....	5	.....	.....
Ninth.....	7,290	927	8,217	467	39	131	9	355	121	418
Shipping.....	7,130	867	7,997	467	39	127	9	355	121	418
Local.....	160	60	220	.....	.....	135	.....	.....	.....	.....
Tenth.....	12,855	1,985	14,840	790	98	123	27	678	361	207
Shipping.....	12,855	1,985	14,840	790	98	123	27	678	361	207
Local.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eleventh.....	5,686	607	6,293	133	3	134	24	346	79	492
Shipping.....	5,632	596	6,228	133	3	130	24	346	79	492
Local.....	54	11	65	.....	.....	139	.....	.....	.....	.....
Twelfth.....	11,041	1,513	12,554	559	31	115	24	399	171	536
Shipping.....	10,933	1,492	12,425	559	31	123	24	399	171	536
Local.....	108	21	129	.....	.....	102	.....	.....	.....	.....
The State.....	87,690	10,400	98,090	4,408	360	134	159	3,879	1,384	4,822
Shipping.....	83,910	9,771	93,681	4,408	360	127	152	3,859	1,384	4,822
Local.....	3,780	629	4,409	.....	.....	137	7	20	.....	.....

ANNUAL REPORT OF STATE INSPECTORS.

FIRST INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this the First Inspection District, comprising the coal producing counties of Bureau, Grundy, Henry, LaSalle, Livingston, Mercer, Putnam, Rock Island, and Will. The following is a summary of the items shown in the report:

Number of counties producing coal.....	9
Number of shipping mines.....	19
Number of local mines.....	92
Number of employees underground.....	4,841
Number of employees on surface.....	626
Total number of employees.....	5,467
Total tons of coal produced.....	1,689,343
Days of active operation, shipping mines, average.....	115
Days of active operation, local mines, average.....	157
Number of fatal accidents.....	4
Number of non-fatal accidents.....	198
Number of employees to each fatal accident.....	1,367
Number of employees to each non-fatal accident.....	27.6
Tons of coal produced to each fatal accident.....	422,336
Tons of coal produced to each non-fatal accident.....	8,532
Ratio of fatal accidents per 1,000 employees.....	.73

NEW AND ABANDONED MINES

No new shipping mines have been opened and only one abandoned during the year, viz.: U. S. Coal and Coke Corporation No. 2, Rutland, LaSalle County. However, the Coal Valley Mining Company's Mine No. 3 will be operated as a local mine next year by the Mathesville Coal Company.

FATAL ACCIDENTS

July 2, 1921, John Brtva, driver, age 26 years, married, was killed by pit cars in Chicago, Wilmington and Franklin Coal Company's No. 3 mine, South Wilmington. He leaves a widow and one child.

April 16, 1922, Lewis Brown, top foreman, age 40 years, married, and William Savill, mine manager, age 62 years, married, were killed in Acme Coal Company's mine, Streator, by being suffocated by fumes from a gasoline engine. Brown leaves a widow and one child and Savill leaves a widow.

May 27, 1922, Duncan Thompson, Jr., miner, age 30 years, married, was killed in Never-Seen Coal Company's mine by a fall of rock. He leaves a widow and one child.

Respectfully submitted,

WALTER A. WAITE, *Inspector.*

FATAL CASUALTIES, FIRST DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
July 2	John Brtva.....	26	Driver...	So. Wilmington..	Chi., Wilm. & F. C. Co...	3	1	...	1	1	2	Pit car
April 16	Lewis Brown.....	40	Foreman..	Streator.....	Acme Coal Co.....	.....	1	...	1	1	2	Suffocation
April 16	William Savill.....	62	Mine Mgr.	Streator.....	Acme Coal Co.....	.....	1	...	1	...	1	Suffocation
May 27	Duncan Thompson, Jr..	30	Miner....	Viola.....	Never-Seen Coal Co.....	.....	1	....	1	1	2	Falling rock

NON-FATAL ACCIDENTS, FIRST DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
B. F. Berry Coal Co.....	22	...	1,311	Cager.....	1	...	30	Fall of roof and side.....	85	9	54
C., W. & F. Coal Co., No. 3.....	12	1	877	Carpenter....	1	...	40	Fall of person....	6	1	41
Illinois Third Vein Coal Co.....	23	4	916	Drivers.....	9	1	71	Flying particles..	4	...	73
Illinois Zinc Co., No. 3.....	4	...	385	Laborers.....	21	3	49	Hand tools.....	5	1	72
LaSalle Co. C. C. Co., No. 1.....	4	1	96	Loaders.....	3	...	60	Lifting.....	26	3	49
LaSalle Co. C. C. Co., No. 5.....	4	1	186	Machinemen..	3	2	51	Pit car.....	25	6	67
LaSalle Co. C. C. Co., LaSalle.....	6	...	295	Miners.....	158	21	55	Struck by object.	29	4	55
LaSalle Co. C. C. Co., Union.....	11	3	386	Timberman...	1	...	80	Miscellaneous...	5	1	44
M. & H. Zinc Co.....	4	1	275	Trackman....	1	...	36	Not stated.....	13	2	46
Murphy, Linskey & Kasher C. Co...	4	2	104								
St. Paul Coal Co., No. 1.....	31	2	1,393								
St. Paul Coal Co., No. 2.....	18	4	635								
Springvalley Coal Co., No. 1.....	15	6	470								
Springvalley Coal Co., No. 3.....	19	1	865								
Springvalley Coal Co., No. 5.....	19	1	1,074								
Wilmington Star Mining Co., No. 7..	2	...	86								
Total.....	198	27	9,354		198	27	55		198	27	55

BUREAU

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
1	Springvalley Coal Co., No. 3.	Springvalley.	129,285	22,208	95,541			5,461
2	Illinois Third Vein Coal Co.	Ladd.....	97,784	2,189	62,459	7,925	5,650	18,422
3	Springvalley Coal Co., No. 1.	Springvalley.	88,944	24,286	32,861	7,285	17,583	5,975
4	Springvalley Coal Co., No. 5.	Dalzell.....	81,893	12,105	56,605		1,498	5,610
5	St. Paul Coal Co., No. 2.....	Cherry.....	69,942	49	58,767		2,508	8,595
	Total.....		457,848	60,837	306,243	15,210	27,239	44,063
	5 local mines producing less than 10,000 tons each.....		21,998				21,998	
	Total, all mines.....		489,846	60,837	306,243	15,210	49,237	44,063

GRUNDY

SHIPPING MINES							
1	C. W. & F. Coal Co., No. 3.	So. Wilmg.	163,702	133,159		9,301	7,583
2	Wilmington Star M.Co., No. 7	Coal City...	38,090	33,926			3,889
	Total.....		201,792	167,085		9,301	11,472
	5 local mines producing less than 10,000 tons each.....		7,358			16,659	11,472
	Total, all mines.....		209,150	167,085		16,659	11,472

HENRY

LOCAL MINES							
	17 mines producing less than 10,000 tons each.....		35,606			35,186	420

LASALLE

SHIPPING MINES							
1	LaSalleCo. Carbon C.Co., No.1	LaSalle.....	87,539	71,652		13,489	2,398
2	LaSalleCo. Carbon C.Co., LaS.	LaSalle.....	56,008	23,493		30,312	2,203
3	LaSalleCo. Carb. C Co., Union.	LaSalle.....	51,066	21,589	3,203	25,936	338
4	Illinois Zinc Co., No. 3.	Peru.....	46,672	41,224		2,968	2,480
5	LaSalleCo. Carbon C.Co., No.5	Cedar Point.	49,737	13,674	20,850	2,017	4,196
6	Seneca Coal Co.....	Seneca.....	8,827	2,055		5,459	1,013
	Total.....		290,849	173,687	20,850	3,203	80,191
	12,628						
LOCAL MINES							
1	Mathiesson & Hegeler.....	LaSalle.....	54,219			6,331	47,888
2	Manufactures Coal Co.....	Marseilles...	39,814			39,421	393
	29 mines producing less than 10,000 tons each.....		52,985			52,985	
	Total.....		147,018			98,737	48,281
	Total, all mines.....		437,867	173,687	20,850	3,203	178,928
	60,909						

COUNTY

Loss in pre-paring including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
6,075	478	102	.....	.....	.....	.....	.....	129,285	.....	78	.....	19	1
1,129	315	133	.....	.....	.....	6	2	55,772	42,012	50	.....	23	2
954	387	86	.....	.....	.....	.....	2	88,944	.....	60	.....	15	3
6,075	370	78	.....	.....	.....	.....	2	81,893	.....	51	.....	19	4
23	298	87	.....	.....	.....	.....	.....	69,942	.....	54	.....	18	5
14,256	1,848	97	.....	.....	.....	6	6	425,836	42,012	293	.....	94	.....
.....	43	201	.....	.....	.....	.....	.....	21,998	.....	.....	.....	.....	.....
14,256	1,891	135	.....	.....	.....	6	6	447,834	42,012	293	.....	94	.....

COUNTY

13,659	370	195	1,281	.....	.....	.....	.....	163,702	.....	38	1	12	1
275	127	96	368	.....	.....	.....	.....	38,090	.....	19	.....	2	2
13,934	497	146	1,649	201,792	57	1	14
.....	32	153	50	7,358
13,934	526	151	1,699	209,150	57	1	14

COUNTY

.....	92	175	370	35,606	1
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COUNTY

.....	280	124	20	2	2	49,623	37,916	25	4	1
.....	161	125	8	5	1	56,008	21	6	2
.....	223	88	7	1	51,066	11	3
.....	142	151	.....	.....	.....	3	2	18,199	28,473	18	.....	4	4
.....	169	76	.....	.....	.....	.....	.....	49,737	.....	32	.....	4	5
290	35	218	.....	.....	.....	.....	.....	8,827	.....	2	.....	.....	6
290	1,010	130	35	.....	.....	16	6	117,386	173,463	98	.....	29	.....
.....	54	206	916	.....	.....	3	.....	2,666	51,553	.....	.....	4	1
.....	84	257	.....	.....	.....	.....	.....	39,814	.....	.....	.....	.....	2
.....	186	158	1,584	.....	.....	.....	.....	52,985	.....	.....	2	.....	.....
.....	324	137	2,500	.....	.....	3	.....	95,455	51,553	.....	2	4	.....
290	1,334	136	2,535	.....	.....	19	.....	212,851	225,016	.....	2	33	.....

LIVINGSTON

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
SHIPPING MINES								
1	Murphy, Linskey & Kasher Coal Co., No. 1.....	Pontiac.....	22,956	10,846			10,358	1,752
2	Fairbury Coal Co.....	Fairbury....	15,686			8,980	5,480	1,226
	Total.....		38,642	10,846		8,980	15,838	2,978
LOCAL MINES								
1	Streator Clay Mfg. Co.....	Streator....	29,910					29,910
2	Co-operative Coal Co.....	Fairbury....	12,916				11,890	1,026
	6 mines producing less than 10,000 tons each.....		8,735				8,735	
	Total.....		51,561				20,625	30,936
	Total, all mines.....		90,203	10,846		8,980	36,463	33,914

MERCER

SHIPPING MINES								
1	Alden Coal Co., No. 7.....	Matherville..	105,595	15,756	85,610			4,229
2	Coal Valley Mining Co., No.3	Matherville..	16,889	15,625			301	963
	Total		122,484	31,381	85,610		301	5,192
	16 local mines producing less than 10,000 tons each....		41,115				41,115	
	Total, all mines.....		163,599	31,381	85,610		41,416	5,192

PUTNAM

SHIPPING MINES								
1	St. Paul Coal Co., No. 1.....	Granville....	127,524	76	14,424	1,326	3,622	7,996
2	B. F. Berry Coal Co.....	Standard....	51,737	19,229	21,088		3,464	7,956
	Total		179,261	19,305	135,512	1,326	7,086	15,952

ROCK ISLAND

LOCAL MINES								
1	Valley View Coal Co.....	Coal Valley ..	34,310				33,510	800
2	Pryce-Seivers Coal Co.....	Coal Valley ..	22,625				21,625	1,000
	7 mines producing less than 10,000 tons each.....		8,732				7,898	834
	Total		65,667				63,033	2,634

WILL

LOCAL MINE								
1	Skinner Bros.....	Wilmington..	18,144				15,954	2,190

COUNTY

Loss in preparing including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
.....	76	112	342	.....	.....	3	.....	.....	22,956	8	.....	4	1
.....	43	154	800	.....	.....	.....	.....	15,686	.....	.....	.....	.....	2
.....	119	133	1,142	.....	.....	3	.....	15,686	22,956	8	.....	4	.....
.....	53	200	653	.....	.....	.....	.....	29,910	.....	.....	.....	.....	1
.....	20	171	162	.....	.....	.....	.....	12,916	.....	.....	.....	.....	2
.....	37	155	3	.....	.....	.....	.....	8,735	.....	.....	.....	.....	3
.....	110	163	818	.....	.....	.....	.....	51,561	.....	.....	.....	.....	.....
.....	229	157	1,960	.....	.....	3	.....	67,247	22,956	8	.....	4	.....

COUNTY

.....	171	145	7,910	.....	.....	.....	.....	105,595	.....	18	.....	.....	1
.....	94	46	1,011	.....	.....	.....	.....	16,889	.....	8	.....	.....	2
.....	265	96	8,921	.....	.....	.....	.....	122,484	.....	26	.....	.....	.....
.....	104	178	3,282	.....	.....	.....	.....	41,115	.....	.....	1	.....	.....
.....	369	169	12,203	.....	.....	.....	.....	163,599	.....	26	1	.....	.....

COUNTY

80	551	95	.....	.....	.....	10	.....	93,015	34,509	76	.....	31	1
.....	282	65	.....	.....	.....	10	.....	51,737	.....	60	.....	22	2
80	833	80	.....	.....	.....	10	.....	144,752	34,509	136	.....	53	.....

COUNTY

.....	50	200	2,450	34,310	1
.....	36	150	1,200	22,625	2
.....	44	119	555	8,732
.....	130	131	4,205	65,667

COUNTY

.....	60	171	18,144	1
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SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in preparing and not sold June 30	
Bureau.....	5	467,848	60,837	306,243	15,210	27,239	44,063	14,256	65,879
Grundy.....	2	201,792	167,085			9,301	11,472	13,934	55,320
LaSalle.....	6	290,849	173,687	20,850	3,203	80,191	12,628	290	
Livingston....	2	38,642	10,846		8,980	15,838	2,978		
Mercer.....	2	122,484	31,381	85,610		301	5,192		
Putnam.....	2	179,261	19,305	135,512	1,326	7,086	15,952	80	
Total.....	19	1,300,876	463,141	548,215	28,719	139,956	92,285	28,560	121,199

LOCAL MINES, RECAPITULATION

Bureau.....	5	21,998				21,998			
Grundy.....	5	7,358				7,358			
Henry.....	17	35,606				35,186	420		
LaSalle.....	31	147,018				98,737	48,281		
Livingston....	8	51,561				20,625	30,936		
Mercer.....	16	41,115				41,115			
Rock Island..	9	65,667				63,033	2,634		
Will.....	1	18,144				15,954	2,190		
Total.....	92	388,467				304,006	84,461		

ALL MINES, RECAPITULATION

Bureau.....	10	489,846	60,837	306,243	15,210	49,237	44,063	14,256	65,879
Grundy.....	7	209,150	167,085			16,659	11,472	13,934	55,320
Henry.....	17	35,606				35,186	420		
LaSalle.....	37	437,867	173,687	20,850	3,203	178,928	60,909	290	
Livingston....	10	90,203	10,846		8,980	36,463	33,914		
Mercer.....	18	163,599	31,381	85,610		41,416	5,192		
Putnam.....	2	179,261	19,305	135,512	1,326	7,086	15,952	80	
Rock Island..	9	65,667				63,033	2,634		
Will.....	1	18,144				15,954	2,190		
Total.....	111	1,689,343	463,141	548,215	28,719	443,962	176,746	28,560	121,199

COUNTY

Loss in pre-paring including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
2,452	87	214						29,505					2 1

COUNTY

.....	525	133				7	5	46,706	85,301	45	2	12	1
205	156	184						61,434		14	1	6	2
205	681	159				7	5	108,140	85,301	59	3	18	
.....	82	91	1,548					21,103					
205	763	93	1,548			7	5	129,243	85,301	59	3	18	

COUNTY

.....	305	191	12,347			7	5	167,328	80,515	26		6	1
.....	289	151	4,052			11	2		198,348	17		3	2
5,204	156	175	4,122			3	2	39,178	71,150	9		9	3
.....	145	168	1,480			7			96,135			6	4
.....	157	157	4,895				2	85,968		14		2	5
.....	98	152	1,272			3	3	1,470	64,813	9		3	6
450	161	109	849			7	2	428	51,402	9		3	7
338	75	120	2,264				1	28,317		4			8
.....	41	116						24,238					9
.....	53	143						20,232		6		2	10
.....	15	70					1	7,545		2			11
500	11	187	390					7,480					12
.....	49	77				1		1,051	5,704	1			13
6,492	1,555	140	31,671			39	18	383,235	568,103	97		34	
.....	37	202	1,350					24,749				2	1
.....	23	267	1,321					22,226					2
.....	24	163	462					14,227					3
.....	29	170	960					13,345					4
.....	12	290	616					10,336					5
.....	370	148	8,706					129,702			1		
.....	495	153	13,343					214,585			1		2
6,492	2,050	150	45,614			39	18	597,820	568,103	97	1	36	

STARK

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
LOCAL MINES								
	14 mines producing less than 10,000 tons each.....		13,514					13,514

TAZEWELL

SHIPPING MINES								
1	Groveland Coal M. Co., No. 2	Pekin.....	363,719	2,916	360,331	.....	95	377
2	Tazewell Coal Co.....	Pekin.....	93,267	10,464	73,932	.....	4,507	4,364
3	Lake Erie Mining Co.....	Peoria.....	87,885	31,734	43,779	.....	12,372	.....
4	Ubben Coal Co.....	Pekin.....	34,584	21,375	.....	.....	12,934	275
5	Regal Coal Co.....	Pekin.....	22,626	20,774	.....	655	325	872
6	East Peoria Mining Co.....	East Peoria.....	6,019	177	.....	.....	5,623	.....
Total.....			608,100	87,440	478,042	655	35,856	5,888
LOCAL MINES								
1	Rainey & Thompson.....	East Peoria.....	39,311	.....	.....	.....	32,411	900
2	Liberty Coal Co.....	East Peoria.....	19,075	.....	.....	.....	19,075	.....
	1 mine producing less than 10,000 tons.....		9,235	.....	.....	.....	9,110	125
Total.....			61,621	.....	.....	.....	60,596	1,025
Total, all mines.....			669,721	87,440	478,042	655	96,452	6,913

WOODFORD

SHIPPING MINES								
1	Roanoke Coal Co.....	Roanoke.....	56,004	18,026	24,343	3,656	5,740	4,239
2	Minonk Coal Co., No. 2.....	Minonk.....	48,713	31,900	.....	.....	12,013	3,850
Total.....			104,717	49,926	24,343	3,656	17,753	8,089

umber	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
LOCAL MINES								
1	McLean Co. Coal Co.	Bloomington	29,505	.....	.....	.....	23,603	3,450

MARSHALL

SHIPPING MINES								
1	Toluca Coal Co., No. 1.	Toluca.	132,007	4,147	88,621	29,473	7,222	2,544
2	Wenona Coal Co., No. 1.	Wenona.	61,434	47,664	.....	.....	7,598	5,867
Total.			193,441	51,811	88,621	29,473	14,920	8,411
LOCAL MINES								
21 mines producing less than 10,000 tons each.			21,103	.....	.....	.....	21,103	.....
Total, all mines.			214,544	51,811	88,621	29,473	36,033	8,411

PEORIA

SHIPPING MINES								
1	Clark Coal & Coke Co.	Peoria.	247,843	194,555	52,554	.....	.....	734
2	M. E. Case Coal Co.	Peoria.	198,384	63,659	134,725	.....	.....	.....
3	Newsam Bros. C. Co., No. 5.	Peoria.	110,328	37,714	57,410	.....	.....	.....
4	Logan Coal Co.	Hanna City.	96,135	93,391	.....	.....	.....	2,244
5	Newsam Bros. C. Co., No. 4.	Glasford.	85,968	38,298	44,627	.....	1,267	1,776
6	Wolschlag Co-op. Coal Co.	Peceria.	66,283	11,773	54,510	.....	.....	.....
7	Crescent Coal Co., No. 1.	Peoria.	51,830	43,957	6,464	.....	959	.....
8	Central West Coal Co.	Edwards.	28,317	21,112	6,219	.....	648	.....
9	Colliers Co-operative Coal Co.	Bartonville.	24,238	23,305	.....	.....	583	350
10	Lancaster Coal Co., No. 1.	Kings. Mines	20,232	16,494	.....	.....	3,438	300
11	Silver Creek Coal Co., No. 2.	Edwards.	7,545	7,545	.....	.....	.....	.....
12	E. Mapleton Coal Co., No. 1.	Mapleton.	7,480	4,980	.....	.....	2,000	.....
13	Newsam Bros. C. Co., No. 6.	Peoria.	6,755	6,755	.....	.....	.....	.....
Total.			951,338	564,038	366,509	.....	8,395	5,404
LOCAL MINES								
1	Leitner Coal Co.	Peoria.	24,749	.....	.....	.....	24,719	.....
2	Winters Coal Co.	Bartonville.	22,226	.....	.....	.....	21,446	780
3	Treasurer Coal Co.	Bartonville.	14,227	.....	.....	.....	13,507	720
4	Ed. Mohn.	Bartonville.	13,345	.....	.....	.....	12,395	650
5	George L. Petrie.	Peoria.	10,336	.....	.....	.....	10,330	36
66 mines producing less than 10,000 tons each.			129,702	.....	.....	.....	127,800	1,902
Total.			214,585	.....	.....	.....	210,497	4,080
Total, all mines.			1,165,923	564,038	366,509	.....	219,392	9,492

FATAL CASUALTIES, SECOND DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
Sept. 9	Eli Gillham.....	30	Miner.....	Peoria.....	Greycland Coal Co.....	2	1	1	1	2	3	Falling rock
Dec. 16	Anton Eggleston.....	34	Driver.....	Tollica.....	Tollica Coal Co.....	1	1	1	1	1	1	Pit car
Dec. 19	Charles McDaniels.....	61	Miner.....	Wyoming.....	Kingen & Greenwell C. Co.....		1	1	1	3	4	Falling slate
1922												
Feb. 6	John Morris.....	52	Cager.....	Wenona.....	Wenona Coal Co.....	1	1	1	1	1	7	Wheel fell down shaft
Mar. 23	John Parlich.....	43	Miner.....	Flora.....	Tollica Coal Co.....	1	1	1	1	6	7	Falling rock
June 9	Samuel Crews.....	52	Miner.....	Chillicothe.....	A. N. Mapes.....			1	1			Powder explosion

NON-FATAL ACCIDENTS, SECOND DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
M. E. Case Coal Co.....	3	...	100	Drivers.....	12	3	45	Cage.....	1	1	.....
Clarke Coal & Coke Co.....	6	1	314	Laborers.....	3	...	70	Fall of roof and sides.....	28	4	37
Crescent Coal Co.....	3	1	111	Machinemen..	5	1	32	Fall of person...	2	...	31
David Grant.....	2	1	43	Miners.....	54	7	48	Flying particles..	2	1	64
Groveland Coal Mining Co., No. 2...	7	2	200	Timbermen...	3	1	42	Gas explosion...	1	1	.....
Lake Erie Mining Co.....	5	...	213	Trackman....	1	...	32	Hand tools.....	3	...	49
Lancaster Coal Co.....	2	...	60					Lifting.....	2	...	60
Leitner Coal Co.....	2	...	130					Machinery.....	5	2	41
Logan Coal Co.....	6	...	262					Mining machine..	1	...	30
McLean County Coal Co.....	2	...	110					Pit cars.....	18	2	73
Minonk Coal Co.....	5	...	322					Powder explosion	1	...	75
Newsam Bros., No. 4.....	2	1	64					Struck by objects	8	1	55
Newsam Bros., No. 5.....	9	3	274					Not stated.....	6	...	69
Tazewell Coal Co.....	3	2	60								
Toluca Coal Co.....	12	1	515								
Wenona Coal Co.....	6	...	520								
Wolschlag Co-operative Co.....	3	...	175								
Total.....	78	12	3,473	.....	78	12	53	.....	78	12	53

BY COUNTIES, FIRST DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals under ground	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
1,669	179	1,848	.....	.....	.....	97	6	425,836	42,012	6	293	.....	94
445	52	497	1,649	.....	.....	146	.....	201,792	.....	.....	57	1	14
899	111	1,010	35	.....	.....	130	16	117,386	173,463	6	98	.....	29
100	19	119	1,142	.....	.....	133	3	15,686	22,956	.....	8	.....	4
235	30	265	8,921	.....	.....	96	.....	122,484	.....	.....	26	.....	53
751	82	833	.....	.....	.....	80	10	144,752	34,509	.....	136	.....	.....
4,099	473	4,572	11,747	.....	.....	115	35	1,027,936	272,940	12	618	1	194

BY COUNTIES, FIRST DISTRICT

35	8	43	.....	.....	.....	201	.....	21,998	.....	.....	.....	.....	.....
27	5	32	50	.....	.....	163	.....	7,358	.....	.....	.....	.....	.....
80	12	92	370	.....	.....	175	.....	35,606	.....	.....	.....	.....	.....
262	62	324	2,500	.....	.....	137	3	95,465	51,553	.....	.....	2	4
93	17	110	818	.....	.....	163	.....	51,561	.....	.....	.....	.....	.....
82	22	104	3,282	.....	.....	178	.....	41,115	.....	.....	.....	1	.....
111	19	130	4,205	.....	.....	131	.....	65,667	.....	.....	.....	.....	.....
52	8	60	.....	.....	.....	171	.....	18,144	.....	.....	.....	.....	.....
742	153	895	11,225	.....	.....	157	3	336,914	51,553	.....	.....	3	4

BY COUNTIES, FIRST DISTRICT

1,704	187	1,891	.....	.....	.....	135	6	447,834	42,012	6	293	.....	94
472	57	529	1,699	.....	.....	151	.....	209,150	.....	.....	57	1	14
80	12	92	370	.....	.....	175	.....	35,606	.....	.....	.....	.....	.....
1,161	173	1,334	2,535	.....	.....	136	19	212,851	225,016	6	98	2	.....
193	36	229	1,960	.....	.....	157	3	67,247	22,956	.....	8	.....	33
317	52	369	12,203	.....	.....	160	.....	163,599	.....	.....	26	1	4
751	82	833	.....	.....	.....	80	10	144,752	34,509	.....	136	.....	.....
111	19	130	4,205	.....	.....	131	.....	65,667	.....	.....	.....	.....	53
52	8	60	.....	.....	.....	171	.....	18,144	.....	.....	.....	.....	.....
4,841	626	5,467	22,972	.....	.....	150	38	1,364,850	324,493	12	618	4	198

SECOND INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Second Inspection District, comprising the coal producing counties of McLean, Marshall, Peoria, Stark, Tazewell, and Woodford.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	6
Number of shipping mines.....	23
Number of local mines.....	110
Number of employees underground.....	3,706
Number of employees on the surface.....	443
Total number of employees.....	4,149
Total tons of coal produced.....	2,197,924
Days of active operation, shipping mines, average.....	152
Days of active operation, local mines, average.....	135
Number of fatal accidents.....	6
Number of non-fatal accidents.....	78
Number of employees to each fatal accident.....	692
Number of employees to each non-fatal accident.....	53.2
Tons of coal produced to each fatal accident.....	366,321
Tons of coal produced to each non-fatal accident.....	28,179
Ratio of fatal accidents per 1,000 employees.....	1.45

NEW MINES

Silver Creek Coal Company has opened mine No. 2 and Newsam Bros. mine No. 6. Both of these mines are at Edwards, Peoria County.

ABANDONED MINES

Groveland Mining Company has abandoned its No. 1 mine in Tazewell County. The Leitner Coal Company operated as a local mine.

FATAL ACCIDENTS

September 9, 1921, Eli Gillham, miner, age 30 years, married, was killed in Groveland Coal Company's No. 2 mine by a fall of slate at his working place. He leaves a widow and two children.

December 16, 1921, Anton Egleton, driver, age 34 years, married, was killed by pit cars in Toluca Coal Company's mine. He leaves a widow.

December 19, 1921, Charles McDaniel's, miner, age 61 years, married, was killed in Kingen and Greenwell Coal Company's mine by a fall of slate. He leaves a widow and three children.

February 6, 1922, John Morris, cager, age 52 years, single, was killed in Wenona Coal Company's mine. Deceased was working at the bottom of the shaft when a car, falling down the shaft, struck the bottom a wheel flew off and hit him on the back of the head, killing him instantly.

March 23, 1922, John Parlick, miner, age 43 years, married, was killed by a fall of rock in Toluca Coal Company's mine. He leaves a widow and six children.

June 9, 1922, Samuel Crews, miner, age 52 years, single, died from injuries received May 28 in A. N. Mapes' mine. Deceased attempted to light his lamp and the match head flew into an open keg of powder, causing an explosion.

Respectfully submitted,

WILLIAM A. KIDD, *Inspector.*

CASS

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
	LOCAL MINE							
	4 mines producing less than 10,000 tons each.....		6,912				6,512	400

FULTON

SHIPPING MINES								
1	Cripple Ck. C. Co., Nos. 1 & 2	Bryant.....	279,617	95,891	183,726			
2	Silver Creek Coal Co., No. 1.	Farmington.	149,921	96,524	52,709			440
3	National Coal Mining Co....	Farmington.	138,170	59,800	76,469		690	450
4	Canton Coal Co.....	Canton.....	133,725	80,844	51,702			1,179
5	Alden Coal Co., No. 8.....	Farmington.	118,129	53,916	59,298		168	4,747
6	Spoon River Coal Co.....	London Mills	81,105	62,013	13,614		918	4,560
7	Binzel Coal Co., No. 1.....	Farmington.	65,167	25,294	38,538		632	703
8	Rawalt Coal Co.....	Canton.....	53,590	51,811			875	750
9	Maplewood Coal Co.....	Farmington.	45,282	10,210	31,088			3,984
10	Shuler & Long Coal Co.....	Fairview....	35,557	35,243				314
11	Simmons Coal Co.....	Canton.....	20,559	9,776	9,953			830
12	Monmouth Coal Co., No. 1.	Brereton....	17,825	9,404	6,781		282	1,242
13	Coal Creek Mining Co., No. 1.	Fairview....	15,580	680	14,900			
14	Ellice Coal Co.....	Astoria.....	9,931	6,400			3,495	36
15	W. Donaldson Coal Co.....	Ciba.....	9,419	9,419				
16	Middleton Coal Co.....	Canton.....	8,868	8,772			96	
17	Robt. Gordon Coal Co.....	Farmington.	8,225	1,821			6,384	20
18	Jos. McLaughlin & Sons.....	Canton.....	6,844	3,680	320		2,394	450
19	Alden Coal Co., No. 6.....	Norris.....	6,581	4,100	1,508		623	253
20	Big Six Coal Co., No. 1.....	Fairview....	5,148	5,148				
21	G. & L. Coal Co.....	Canton.....	2,260	2,200				60
Total.....			1,211,503	632,946	540,606		16,557	20,018
LOCAL MINES								
	208 mines producing less than 10,000 tons each.....		256,074				253,849	2,225
Total, all mines.....			1,467,577	632,946	540,606		270,406	22,243

HANCOCK

LOCAL MINES								
	6 mines producing less than 10,000 tons each.....		4,825				4,825	

KNOX

LOCAL MINES								
	41 mines producing less than 10,000 tons each.....		54,612				54,354	258

FATAL CASUALTIES, THIRD DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1922 Feb. 25	Wm. R. Berry	44	Miner	Ellisville	Spoon River Col. Co.	1	1	1	1	3	4	Falling clod
Feb. 25	Raymond Palmer	16	Miner	Ellisville	Spoon River Col. Co.	1	1	1	1	1	1	Falling clod

NON-FATAL ACCIDENTS, THIRD DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Alden Coal Co., No. 6.....	2	1	39	Cager.....	1	1	.....	Animal.....	1	.....	31
Alden Coal Co., No. 8.....	3	.....	139	Drivers.....	8	2	41	Fall of roof and side.....	2	.....	35
Canton Coal Co.....	6	.....	252	Laborers.....	3	.....	47	Fall of person.....	1	.....	56
Cripple Creek Coal Co., No. 1.....	11	.....	426	Machinememen..	2	1	30	Gas explosion... ..	1	1	.....
G. & L. Coal Co.....	1	1	.....	Miners.....	21	1	42	Lifting.....	1	.....	59
National Coal Co.....	2	.....	93	Spragger.....	1	.....	30	Machinery.....	1	.....	53
Rawalt Coal Co.....	3	.....	163	Trackman.....	1	.....	31	Pit car.....	16	2	38
Silver Creek Coal Co., No. 1.....	5	1	125	Trip riders.....	2	.....	33	Struck by object.	9	2	43
Spoon River Coal Co.....	5	1	162					Not stated.....	4	.....	45
Ralph Wade.....	1	1	.....							
Total.....	39	5	1,399		39	5	41		39	5	41

BY COUNTIES, SECOND DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals under ground	Accidents	
Under ground	On surface	Total	Keys of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
622	59	681	.....	.....	.....	159	7	108,140	85,301	5	59	3	18
1,398	157	1,555	31,671	.....	.....	140	39	383,235	568,103	18	97	.....	34
773	73	846	14,699	.....	.....	166	38	93,684	514,416	16	126	1	15
216	27	243	15	25	.....	187	.....	104,717	.....	2	27	.....	5
3,009	316	3,325	46,385	25	.....	152	84	689,776	1,167,820	41	309	4	72

BY COUNTIES, SECOND DISTRICT

72	15	87	.....	.....	.....	214	.....	22,505	.....	.....	.....	.....	2
76	6	82	1,548	.....	.....	91	.....	21,103	.....	.....	.....	.....	.....
409	86	495	13,343	.....	.....	153	.....	214,585	.....	.....	.....	1	2
46	11	57	915	.....	.....	145	.....	13,514	.....	.....	.....	1	.....
94	9	103	4,013	.....	.....	197	.....	61,621	.....	.....	.....	.....	2
697	127	824	19,819	.....	.....	135	.....	340,328	.....	.....	.....	2	6

BY COUNTIES, SECOND DISTRICT

72	15	87	.....	.....	.....	214	.....	29,505	.....	.....	.....	.....	2
698	65	763	1,548	.....	.....	93	7	129,243	85,301	5	.....	3	18
1,807	243	2,050	45,014	.....	.....	150	39	597,820	568,103	18	.....	1	36
46	11	57	915	.....	.....	145	.....	13,514	.....	.....	.....	1	.....
867	82	949	18,712	.....	.....	176	38	155,305	514,416	16	.....	1	17
216	27	243	15	25	.....	187	.....	104,717	.....	2	.....	.....	5
3,706	443	4,149	56,204	25	.....	138	84	1,030,104	1,167,820	41	309	6	78

THIRD INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Third Inspection District, comprising the coal producing counties of Cass, Fulton, Hancock, Knox, McDonough, Schuyler, and Warren.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	7
Number of shipping mines.....	21
Number of local mines.....	355
Number of employees underground.....	3,324
Number of employees on surface.....	320
Total number of employees.....	3,644
Total tons of coal produced.....	1,591,068
Days of active operation, shipping mines, average.....	125
Days of active operation, local mines, average.....	130
Number of fatal accidents.....	2
Number of non-fatal accidents.....	39
Number of employees to each fatal accident.....	1,822
Number of employees to each non-fatal accident.....	93.4
Tons of coal produced to each fatal accident.....	795,534
Tons of coal produced to each non-fatal accident.....	40,797
Ratio of fatal accidents per 1,000 employees.....	.55

NEW MINES

William Donaldson and Sons, Cuba, Fulton County, have operated their mine as a shipping mine.

CHANGE OF NAME

Westerly Bros. and Gooden have operated under the name of Robert Gooden Coal Company. The Sandler Coal Company has changed to G. & L. Coal Company.

ABANDONED MINES

The following shipping mines were not operated during the year and are permanently abandoned or temporarily closed: Big Creek No. 22, St. David and No. 24, Dunfermline; Alden No. 6, Norris; Maplewood Coal Co. No. 2, Farmington; Eagle Mining Co., Canton; Star No. 1, Flatt, and No. 3, Cuba; Quigley Coal Mining and Sales Co., Norris.

FATAL ACCIDENTS

February 25, 1922, William Berry, miner, age 44 years, married, and Raymond Palmer, apprentice miner, age 16 years, single, were killed in Spoon River Colliery Company's mine by a fall of clod. Berry leaves a widow and three children.

Respectfully submitted,

THOMAS P. BACK, *Inspector.*

COUNTY

Loss in preparing including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
.....	57	145	915	.....	.....	.....	.....	13,514	.....	.....	1	.....	.....

COUNTY

.....	471	197	8,224	.....	.....	21	10	25,045	338,674	38	1	7	1
.....	151	183	1,530	.....	.....	8	3	.....	93,267	8	.....	3	2
.....	118	156	3,725	.....	.....	4	2	62,620	25,265	70	.....	5	3
.....	43	178	407	.....	.....	3	1	.....	34,584	4	.....	1	4
.....	39	189	313	.....	.....	2	.....	.....	22,626	3	.....	5	5
.....	219	24	94	500	.....	.....	.....	6,019	.....	3	.....	6	6
.....	219	846	166	14,699	.....	38	16	93,684	514,416	126	1	15	.....
.....	44	226	2,198	.....	.....	.....	.....	33,311	.....	.....	.....	1	.....
.....	39	180	1,236	.....	.....	.....	.....	19,075	.....	.....	.....	2	.....
.....	20	184	579	.....	.....	.....	.....	9,235	.....	.....	.....	2	.....
.....	103	197	4,013	.....	.....	.....	.....	61,621	.....	.....	.....	2	.....
.....	219	949	176	18,712	.....	38	16	155,305	514,416	126	1	17	.....

COUNTY

.....	139	170	.....	1	25	.....	1	56,004	.....	21	.....	1	.....
.....	950	104	204	15	.....	.....	1	48,713	.....	6	.....	5	2
.....	950	243	187	15	25	.....	2	104,717	.....	27	.....	5	.....

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in preparing and not sold June 30	
Marshall.....	2	193,441	51,811	88,621	29,473	14,920	8,411	205	.....
Peoria.....	13	951,338	564,038	366,509	.....	8,895	5,404	6,492	.....
Tazewell.....	6	608,100	87,440	478,042	655	35,856	5,888	219	.....
Woodford.....	2	104,717	49,926	24,343	3,656	17,753	8,089	950	.....
Total.....	23	1,857,596	753,215	957,515	33,784	77,424	27,792	7,866	.....

LOCAL MINES, RECAPITULATION

McLean.....	1	29,505	.....	.....	.....	23,603	3,450	2,452	.....
Marshall.....	21	21,103	.....	.....	.....	21,103	.....	.....	.....
Peoria.....	71	214,585	.....	.....	.....	210,497	4,088	.....	.....
Stark.....	14	13,514	.....	.....	.....	13,514	.....	.....	.....
Tazewell.....	3	61,621	.....	.....	.....	60,596	1,025	.....	.....
Total.....	110	340,328	.....	.....	.....	329,313	8,563	2,452	.....

ALL MINES, RECAPITULATION

McLean.....	1	29,505	.....	.....	.....	23,603	3,450	2,452	.....
Marshall.....	23	214,544	51,811	88,621	29,473	36,033	8,411	205	.....
Peoria.....	84	1,165,923	564,038	366,509	.....	219,392	9,492	6,492	.....
Stark.....	14	13,514	.....	.....	.....	13,514	.....	.....	.....
Tazewell.....	9	669,721	87,440	478,042	655	96,452	6,913	219	.....
Woodford.....	2	104,717	49,926	24,343	3,656	17,753	8,089	950	.....
Total.....	133	2,197,924	753,215	957,515	33,784	406,747	36,355	10,318	.....

had helped his brother tamp a shot and went back to their powder box, arriving there just as his brother's lamp fell into the keg of powder, causing an explosion which resulted in his death. He leaves a widow and one child.

January 23, 1922, Robert Leseck, shot firer, age 38 years, married, employed by Springfield District Coal Mining Company's No. 57 mine, was killed by suffocation, the result of firing an improperly prepared shot. He leaves a widow and two children.

February 26, 1922, Patrick Lyons, miner, age 63 years, single, died from the effects of injuries received eleven days previous by a fall of slate in Sangamon County Coal Company's mine, Lincoln, Logan County.

March 16, 1922, Fred Coogler, miner, age 30 years, married, was killed by a fall of slate in Bissell Coal Company's mine. He leaves a widow and one child.

March 24, 1922, Alex. Dutkwise, miner, age 45 years, married, received injuries from which he died two days later by a fall of slate in Sangamon County Mining Company's mine. He leaves a widow.

Respectfully submitted,

F. J. DEVLIN, *Inspector.*

FATAL CASUALTIES, FOURTH DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
July 9	Jeremiah Planagan.	24	Laborer.	Riverton.	Springfield Dist. M. Co.	52	1	...	1	1	2	Falling scaffold
July 9	Geo. W. Johnson.	41	Laborer.	Riverton.	Springfield Dist. M. Co.	52	1	...	1	1	2	Falling scaffold
Aug. 3	Augustino Zardo.	29	Miner.	Springfield.	Peerless Coal Co.	...	...	1	...	...	...	Falling clod
Aug. 12	Dominick Alleva.	38	Miner.	Springfield.	Sangamon Coal Co.	2	1	...	1	3	4	Falling coal
Nov. 15	Alex. Michael.	34	Driver	Springfield.	Springfield Dist. M. Co.	57	1	...	1	1	1	Pit car
Dec. 26	Fred Ratcliffe.	28	Miner.	Spaulding.	Bissell Coal Co.	...	1	...	1	4	5	Powder explosion
Dec. 28	Don Ratcliffe.	30	Miner.	Springfield.	Bissell Coal Co.	...	1	...	1	1	2	Powder explosion
1922												
Jan. 23	Robert Leseck.	38	Shot firer.	Springfield.	Springfield Dist. C.M.Co.	57	1	...	1	2	3	Suffocation
Feb. 26	Patrick Lyons.	63	Miner.	Lincoln.	Sangamon Co. Coal Co.	...	...	1	...	...	...	Falling slate
Mar. 16	Fred Cooper.	30	Miner.	Riverton.	Bissell Coal Co.	...	1	...	1	1	2	Falling slate
Mar. 26	Alex. Dutkwise.	45	Miner.	Springfield.	Sangamon Co. M. Co.	...	1	...	1	...	1	Falling slate

BY COUNTIES, THIRD DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals under ground	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
2,205	199	2,404	46,352	4,250	.....	125	73	530,369	681,134	25	183	2	38

BY COUNTIES, THIRD DISTRICT

13	3	16	615	.....	.....	189	.....	6,912	.....	.....	.....	.....	.....
697	64	761	11,569	.....	.....	137	.....	256,074	.....	.....	.....	.....	1
32	6	38	.....	.....	.....	130	.....	4,825	.....	.....	.....	.....	.....
124	18	142	1,831	.....	.....	135	.....	54,612	.....	.....	.....	.....	.....
135	11	146	208	.....	.....	125	.....	20,030	.....	.....	.....	.....	.....
92	13	105	1,229	.....	.....	108	.....	30,977	.....	.....	.....	.....	.....
26	6	32	290	.....	.....	155	.....	6,135	.....	.....	.....	.....	.....
1,119	121	1,240	15,745	.....	.....	130	.....	379,565	.....	.....	.....	.....	1

BY COUNTIES, THIRD DISTRICT

13	3	16	613	.....	.....	189	.....	6,912	.....	.....	.....	.....	.....
2,902	263	3,165	57,921	4,250	.....	131	73	786,443	681,134	25	183	2	39
32	6	38	.....	.....	.....	130	.....	4,825	.....	.....	.....	.....	.....
124	18	142	1,831	.....	.....	135	.....	54,612	.....	.....	.....	.....	.....
135	11	146	208	.....	.....	125	.....	20,030	.....	.....	.....	.....	.....
92	13	105	1,229	.....	.....	108	.....	30,977	.....	.....	.....	.....	.....
26	6	32	290	.....	.....	155	.....	6,135	.....	.....	.....	.....	.....
3,324	320	3,644	62,092	4,250	.....	129	73	909,934	681,134	25	183	2	39

FOURTH INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Fourth Inspection District, comprising the coal producing counties of Logan, Menard, Morgan, Sangamon, and Scott.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	5
Number of shipping mines.....	29
Number of local mines.....	31
Number of employees underground.....	8,614
Number of employees on surface.....	740
Total number of employees.....	9,354
Total tons of coal produced.....	6,304,257
Days of active operation, shipping mines, average.....	157
Days of active operation, local mines, average.....	139
Number of fatal accidents.....	11
Number of non-fatal accidents.....	389
Number of employees to each fatal accident.....	850
Number of employees to each non-fatal accident.....	24
Tons of coal produced to each fatal accident.....	573,114
Tons of coal produced to each non-fatal accident.....	16,206
Ratio of fatal accidents per 1,000 employees.....	1.18

CHANGE OF NAME

Latham-Lincoln Mining Co., Lincoln, is now operated by Sangamon County Mining Co.

MINES NOT IN OPERATION

Springfield District Coal Mining Company's No. 54 mine, Auburn; Peabody Coal Company's No. 5 mine, Pawnee; and Citizens Coal Mining Company's "A" mine, Springfield.

FATAL ACCIDENTS

July 9, 1921, George W. Johnson, laborer, age 41 years, married, and Jeremiah Flanagan, laborer, age 24 years, married, employed by Springfield District Coal Mining Company at mine No. 52, were killed when a scaffold on which they were working fell. Each man leaves a widow and one child.

August 3, 1921, Augustino Zardo, miner, age 29 years, single, was killed by a fall of clod in Peerless Coal Company's mine.

August 12, 1921, Domanick Allewa, miner, age 38 years, married, was killed by a fall of roof in Sangamon Coal Company's No. 2 mine. He leaves a widow and three children.

November 15, 1921, Alex. Michael, driver, age 34 years, married, was killed by pit cars, in Springfield District Coal Company's No. 57 mine. He leaves a widow.

December 26, 1921, Fred Ratcliffe, miner, age 28 years, married, died from the effects of injuries received two days previous in Bissell Coal Company's mine. Deceased was emptying powder into a partly filled keg when his lamp fell into the keg, igniting the powder, burning him so badly that he died as stated above. He leaves a widow and four children.

December 28, 1921, Don Ratcliffe, miner, age 30 years, married, died from the effects of injuries received December 24 in Bissell Coal Company's mine. Deceased

COUNTY

Less in pre- paring includ- ing coal not sold	Total em- ploy- ees	Days of active opera- tion	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mo- tors, num- ber in use	Tons mined		Num- ber ani- mals under- ground	Accidents		Number
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By machine		Kill- ed	In- jured	
.....	146	125	208	20,030

COUNTY

.....	105	108	1,229	30,977
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COUNTY

.....	32	155	290	6,135
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SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in pre-paring and not sold June 30	
Fulton	21	1,211,503	632,946	540,606	.....	16,557	20,018	1,376	.....

LOCAL MINES, RECAPITULATION

Cass	4	6,912	.....	.....	.....	6,512	400	.....	.....
Fulton	208	256,074	.....	.....	.....	253,849	2,225	.....	.....
Hancock	6	4,825	.....	.....	.....	4,825	.....	.....	.....
Knox	41	54,612	.....	.....	.....	54,354	258	.....	.....
McDonough	46	20,030	.....	.....	.....	20,030	.....	.....	.....
Schuyler	43	30,977	.....	.....	.....	30,977	.....	.....	.....
Warren	7	6,135	.....	.....	.....	6,085	50	.....	.....
Total	355	379,565	.....	.....	.....	376,632	2,933	.....	.....

ALL MINES, RECAPITULATION

Cass	4	6,912	.....	.....	.....	6,512	400	.....	.....
Fulton	229	1,467,577	632,946	540,606	.....	270,406	22,243	1,376	.....
Hancock	6	4,825	.....	.....	.....	4,825	.....	.....	.....
Knox	41	54,612	.....	.....	.....	54,354	258	.....	.....
McDonough	46	20,030	.....	.....	.....	20,030	.....	.....	.....
Schuyler	43	30,977	.....	.....	.....	30,977	.....	.....	.....
Warren	7	6,135	.....	.....	.....	6,085	50	.....	.....
Total	376	1,591,068	632,946	540,606	.....	393,189	22,951	1,376	.....

COUNTY

Loss in pre- paring includ- ing coal not sold	Total em- ploy- ees	Days of active opera- tion	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mo- tors, num- ber in use	Tons mined		Accidents		
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By machine	Num- ber ani- mals under- ground	Kill- ed	In- jured
.....	16	189	615	.....	.....	.....	.....	6,912	.....	.....	.....	.....

COUNTY

.....	440	158	14,155	.....	.....	6	3	198,328	81,289	23	.....	11	1
248	285	129	3,708	.....	.....	10	6	11,096	138,825	7	.....	5	2
761	213	159	7,915	.....	.....	4	2	104,338	33,832	15	.....	2	3
.....	175	135	1,972	.....	.....	9	2	732	132,993	21	.....	6	4
.....	195	114	2,357	.....	.....	10	2	8,878	109,251	12	.....	3	5
.....	142	178	5,640	4,200	.....	.....	3	81,105	.....	19	2	5	6
.....	98	145	1,395	.....	.....	4	2	2,500	62,667	4	.....	7	.....
154	118	105	1,419	.....	.....	2	.....	29,475	24,115	15	.....	3	8
.....	85	103	578	.....	.....	5	1	.....	45,282	8	.....	9	.....
.....	48	157	1,698	.....	.....	1	.....	23,673	11,884	5	.....	10	.....
.....	147	37	254	.....	.....	8	1	.....	20,559	10	.....	11	.....
116	175	28	523	.....	.....	5	2	5,404	12,421	13	.....	12	.....
.....	19	178	976	.....	.....	.....	.....	15,580	.....	5	.....	13	.....
.....	14	276	850	.....	.....	1	.....	8,000	1,931	2	.....	14	.....
.....	14	165	583	.....	.....	.....	.....	9,419	.....	1	.....	15	.....
.....	59	54	687	.....	.....	.....	.....	8,868	.....	5	.....	16	.....
.....	17	174	580	.....	.....	.....	.....	8,225	.....	2	.....	17	.....
.....	18	174	350	50	.....	.....	.....	6,844	.....	2	.....	18	.....
97	117	14	172	.....	.....	8	1	496	6,085	12	.....	2	19
.....	10	115	450	.....	.....	.....	.....	5,148	.....	.....	.....	20	.....
.....	15	33	170	.....	.....	.....	.....	2,260	.....	2	.....	1	21
1,376	2,404	125	46,352	4,250	.....	73	25	530,369	681,134	183	2	38	.....
.....	761	137	11,569	256,074	1
1,376	3,165	131	57,921	4,250	73	25	786,443	681,134	183	2	39

COUNTY

.....	38	130	4,825
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COUNTY

.....	142	135	1,831	54,612
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M'DONOUGH

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
	LOCAL MINES							
	46 mines producing less than 10,000 tons each		20,030				20,030	

SCHUYLER

	LOCAL MINES							
	43 mines producing less than 10,000 tons each .....	.....	30,977	.....	.....	.....	30,977	.....

WARREN

	LOCAL MINES							
	7 mines producing less than 10,000 tons each .....	.....	6,135	.....	.....	.....	6,085	50

BY COUNTIES, FOURTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals under ground	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
530	53	583	14,578			185		332,444		4	53	1	24
159	19	178	4,924			133		80,362		1	12		
7,753	639	8,392	267,375	20,380		156	53	4,837,799	954,271	93	424	10	365
8,442	711	9,153	285,877	20,380		157	53	5,250,602	954,271	98	489	11	389

BY COUNTIES, FOURTH DISTRICT

69	13	82	2,668			123		51,024					
10	1	11				137		866					
60	13	73	1,973			148		41,427					
33	2	35				148		6,973					
172	29	201	4,641			139		99,384					

BY COUNTIES, FOURTH DISTRICT

530	53	583	14,578			185		332,444		4	53	1	24
228	32	260	7,593			124		131,386		1	12		
7,813	652	8,465	269,347	20,380		154	53	4,879,223	954,271	93	424	10	365
33	2	35				148		6,073					
10	1	11				137		860					
8,614	740	9,354	291,517	20,380		148	53	5,349,986	954,271	98	489	11	389

FIFTH INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Fifth Inspection District, comprising the coal producing counties of Christian, Macon, Moultrie, Shelby, and Vermilion.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	5
Number of shipping mines.....	31
Number of local mines.....	68
Number of employees underground.....	7,452
Number of employees on surface.....	1,038
Total number of employees.....	8,490
Total tons of coal produced.....	6,223,776
Days of active operation, shipping mines, average.....	129
Days of active operation, local mines, average.....	156
Number of fatal accidents.....	19
Number of non-fatal accidents.....	269
Number of employees to each fatal accident.....	447
Number of employees to each non-fatal accident.....	31.6
Tons of coal produced to each fatal accident.....	327,567
Tons of coal produced to each non-fatal accident.....	23,137
Ratio of fatal accidents per 1,000 employees.....	2.24

NEW MINES

Chicago Collieries Company No. 2 mine, Fairmount, and Lone Oak Coal Company, Danville, are the new shipping mines this year.

CHANGE OF NAME

The Electric Coal Company has changed its corporate name to United Electric Coal Company. The Sharon Coal & Brick Company has changed to Sharon Coal Company.

ABANDONED MINES

Two shipping mines have been abandoned, viz.: U. S. Fuel Company's No. 3 mine, Westville, and Vein Six Coal Company's Danville mine.

FATAL ACCIDENTS

July 8, 1921, Matt Shaffer, miner, age 39 years, single, was killed by falling rock in United States Fuel Company's Bunsen mine.

September 15, 1921, Dan Davis, miner, age 41 years, married, was killed in Harrier and Son's mine by a fall of coal. He leaves a widow and four children.

September 27, 1921, Joe Gatantus, miner, age 49 years, single, was killed in United States Fuel Company's No. 4 mine. Deceased was mining off a standing shot when a coal slip gave way, striking him, causing injuries from which he died a few hours later.

October 26, 1921, Charley Stuebe, miner, age 62 years, married, was killed by a fall of rock in United States Fuel Company's No. 4 mine. He leaves a widow.

October 27, 1921, Frank Thomas, miner, age 24 years, married, was killed by a fall of rock in Peabody Coal Company's No. 24 mine. He leaves a widow and one child.

November 21, 1921, Charles E. Zimmer, laborer, age 26 years, single, was killed by a falling car lift in United States Coal Company's Bunsen mine.

COUNTY—concluded.

Loss in pre- paring includ- ing coal not sold	Total em- ploy- ees	Days of active opera- tion	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mot- ors, num- ber in use	Tons mined		Num- ber ani- mals under- ground	Accidents		Number
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By machine		Kill- ed	In- jured	
937	376	104	7,900				3	135,800		15	2	13	19
	247	109	7,510				2	127,676		16			20
	170	207	8,367	100			1	120,920		11			12
	229	125	6,731				2	117,596		16			5
1,146	115	160	3,057				1	63,780		11			2
75	123	96	2,289				1	38,586		7			3
	160	41	1,611					25,439		25			25
	100	52	1,360				1	21,698		11			5
7,649	8,392	156	267,375	20,380		53	93	4,837,796	954,271	457	10	365	
	48	170	1,379					28,217					1
	25	184	594					13,210					
	73	182	1,973					41,427					
7,649	8,465	160	269,347	20,380		53	93	5,833,494	954,271	457	10	365	

COUNTY

35	148							6,073					
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SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in pre-paring and not sold June 30	
Logan.....	2	332,444	184,280	35,936	21,949	72,634	16,497	1,148	.....
Menard.....	1	80,362	49,169	24,653	.....	2,797	3,743	.....	.....
Sangamon.....	26	5,792,067	3,485,025	1,904,325	1,950	281,571	111,547	7,649	.....
Total.....	29	6,204,873	3,718,474	1,964,914	23,899	357,002	131,787	8,797	.....

LOCAL MINES, RECAPITULATION

Menard.....	10	51,024	.....	.....	.....	50,125	899	.....	.....
Morgan.....	3	860	.....	.....	.....	835	25	.....	.....
Sangamon.....	5	41,427	.....	.....	.....	38,914	2,513	.....	.....
Scott.....	13	6,073	.....	.....	.....	5,975	98	.....	.....
Total.....	31	99,384	.....	.....	.....	95,849	3,535	.....	.....

ALL MINES, RECAPITULATION

Logan.....	2	332,444	184,280	35,280	21,949	72,634	16,497	1,148	.....
Menard.....	11	131,386	49,169	24,653	.....	52,922	4,642	.....	.....
Morgan.....	3	860	.....	.....	.....	835	25	.....	.....
Sangamon.....	31	5,833,494	3,485,025	1,904,325	1,950	320,485	114,060	7,649	.....
Scott.....	13	6,073	.....	.....	.....	5,975	98	.....	.....
Total.....	60	6,304,257	3,718,474	1,964,914	23,899	452,851	135,322	8,797	.....

COUNTY

Loss in pre- paring includ- ing coal not sold	Total em- ploy- ees	Days of active opera- tion	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mo- tors, num- ber in use	Tons mined		Num- ber ani- mals under- ground	Accidents		Number
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By machine		Kill- ed	In- jured	
768 380	364 219	165 205	7,800 7,778				4	187,440 145,004			1	24	1 2
1,148	583	185	14,578				4	332,444			1	24	

COUNTY

	178	133	4,924				1	30,362			12		1
	14	260	400					11,285					1
	16	272	949					11,172					2
	13	184	364					10,000					3
	39	167	957					18,557					4
	82	195	2,668					51,024					
	260	189	7,502				1	131,386			12		

COUNTY

	11	137						860					
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COUNTY

	738	145	5,719			29	18		589,587	11		35	1
72	486	209	22,344				3	392,580				22	2
	482	217	25,965				3	387,982		27		20	3
	497	177	20,261				1	374,077		15	1	33	4
2,009	576	128	4,377	20,000		24	5		364,584	36		18	5
	423	130	17,197				13	346,586		1		39	6
542	331	186	13,522				3	276,657		26		27	7
712	304	206	14,377	25			4	275,227		23	2		8
	335	166	14,271	5			3	269,374		17		22	9
200	320	214	14,200				3	266,071		23	1	12	10
	355	214	14,274				3	265,192		27	1	29	11
960	357	167	12,800	250			3	261,926		22		11	12
900	330	167	11,540				3	233,931		16		18	13
	285	180	11,149				2	197,808		29			14
	260	167	9,974					181,789		18	3	12	15
	259	158	10,125				2	172,123		16		8	16
96	323	111					4	147,868		20		22	17
	211	147	6,455				2	137,100		18		6	18

SAGAMON

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
19	Springfield D.C.M.Co., No. 52	Riverton....	135,800	126,242	.....	.....	4,998	3,623
20	Union Fuel Co., No. 3.....	Auburn.....	127,676	69,903	43,883	.....	10,120	3,770
21	Dawson Coal Co., No. 2.....	Dawson.....	120,920	108,799	5,630	.....	4,000	2,500
22	Union Fuel Co., No. 2.....	Springfield..	117,596	104,640	9,227	.....	3,129	600
23	Lincoln Park C. & B. Co.....	Springfield..	63,780	12,222	.....	.....	49,650	762
24	Sangamon Coal Co., No. 3.....	Cantrall....	38,586	20,839	15,477	.....	585	1,610
25	Springfield D.C.M.Co., No. 51	Springfield..	25,439	24,482	.....	.....	.....	957
26	Ill. Coal & Coke Corp., No. 2	Auburn.....	21,698	11,510	7,440	.....	850	1,898
Total			5,792,067	3,485,025	1,904,325	1,950	281,571	111,547
LOCAL MINES								
1	Number 12 mine.....	Springfield..	28,217	.....	.....	.....	27,217	1,000
	4 mines producing less than 10,000 tons each.....		13,210	.....	.....	.....	11,697	1,513
Total.....			41,427	.....	.....	.....	38,914	2,513
Total, all mines.....			5,833,494	3,485,025	1,904,325	1,950	320,485	114,060

SCOTT

LOCAL MINES								
13 mines producing less than 10,000 tons each.....			6,073	.....	.....	.....	5,975	98

NON-FATAL ACCIDENTS, FOURTH DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Bissell Coal Co.....	12	1	538	Asst. Mine Mgr.....	1	...	43	Animals.....	3	...	66
C., W. & F. Coal Co., No. 1.....	18	...	1,175	Blacksmiths.....	3	...	49	Electricity.....	1	...	50
Citizens Coal Co., "B".....	27	1	1,380	Cagers.....	5	...	74	Fall of roof and sides.....	130	12	55
Dawson Coal Co.....	12	5	303	Couplers.....	3	1	61	Fall of person.....	15	1	41
Illinois Coal & Coke Co., No. 1.....	11	1	507	Drivers.....	46	5	56	Flying particles.....	10	...	56
Illinois Coal & Coke Co., No. 2.....	5	1	217	Engineer.....	1	...	101	Gas explosion.....	6	...	49
Lincoln Park C. & B. Co.....	2	...	100	Laborers.....	25	3	48	Hand tools.....	13	2	46
Madison Coal Corp., No. 6.....	35	1	2,019	Loaders.....	37	...	51	Lifting.....	13	...	56
Panther Creek Mining Corp.....	39	1	1,902	Machinemen.....	10	...	68	Machinery.....	1	...	38
Peabody Coal Co., No. 6.....	22	...	1,327	Miners.....	224	22	53	Mining machines	5	...	57
Peerless Coal Co.....	33	7	1,272	Motormen.....	4	1	46	Pit cars.....	102	12	54
Sangamon Coal Co., No. 2.....	20	3	1,047	Shot firers.....	3	...	63	Powder explosion	6	1	69
Sangamon Coal Co., No. 3.....	3	...	147	Spraggers.....	3	...	78	Struck by objects	23	2	47
Sangamon County Mining Co., Jeff..	12	2	488	Superintendent	1	...	30	Miscellaneous.....	19	1	54
Sangamon County Mining Co., Link.	24	1	1,298	Timbermen.....	9	...	57	Not stated.....	42	1	57
Spring Creek Coal Co.....	22	...	1,124	Trackmen.....	6	...	71				
Springfield Co-operative Coal Co....	6	...	313	Trip riders.....	7	...	43				
Springfield Dist. Coal M. Co., No. 52	13	1	410	Trapper.....	1	...	36				
Springfield Dist. Coal M. Co., No. 53	22	...	1,148								
Springfield Dist. Coal M. Co., No. 55	20	6	577								
Union Fuel Co., No. 2.....	5	1	194								
Union Fuel Co., No. 5.....	8	...	508								
West End Coal Co.....	10	...	1,124								
Total.....	389	32	19,118		389	32	54		389	32	54

LOGAN

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
	SHIPPING MINES							
1	Sangamon Co. M. Co.	Lincoln.....	187,440	134,148	21,760	.....	21,341	9,423
2	Citizens Coal Mining Co.	Lincoln.....	145,004	50,132	14,176	21,949	51,293	7,074
	Total .....	.....	332,444	184,280	35,936	21,949	72,634	16,497

MENARD

SHIPPING MINES								
1	Union Fuel Co., No. 4.	Athens	80,362	49,169	24,653	.....	2,797	3,743
LOCAL MINES								
1	East View Coal Co.	Greenview ..	11,285	.....	.....	.....	10,571	714
2	Klingbeil Bros. Coal Co.	Petersburg ..	11,172	.....	.....	.....	11,172	.....
3	Johnson Valley Coal Co.	FancyPrairie	10,000	.....	.....	.....	10,000	.....
	7 mines producing less than 10,000 tons each .....	.....	18,567	.....	.....	.....	18,382	185
	Total .....	.....	51,024	.....	.....	.....	50,125	899
	Total, all mines .....	.....	131,386	49,169	24,653	.....	52,922	4,642

MORGAN

LOCAL MINES								
1	3 mines producing less than 10,000 tons each .....	.....	860	.....	.....	.....	835	25

SANGAMON

SHIPPING MINES								
1	Madison Coal Corp., No. 6 ..	Divernon	589,587	.....	553,879	.....	12,118	23,590
2	Peabody Coal Co., No. 6	Sherman	392,580	385,802	.....	.....	529	6,177
3	Springfield D.C.M.Co., No. 55	Springfield ..	387,982	151,435	225,551	.....	6,119	4,877
4	Peerless Coal Co.	Springfield ..	374,077	309,364	57,437	1,950	280	5,046
5	C. W. & F. Coal Co., No. 1 ..	Thayer	364,684	183,330	161,675	.....	5,074	12,596
6	Panther Ck. C. Co., Inc., No. 1	Auburn	346,586	100,360	234,999	.....	6,043	5,184
7	Citizens Coal M. Co., "B" ..	Springfield ..	276,657	235,198	35,858	.....	3,907	1,152
8	Springfield D.C.M.Co., No. 57	Springfield ..	275,227	230,267	.....	.....	41,177	3,071
9	Spring Creek Coal Co.	Springfield ..	269,374	99,522	165,613	.....	226	4,013
10	Sangamon Co. M. Co., Jeff. ..	Springfield ..	266,071	172,671	89,000	.....	4,200	200
11	Sangamon Coal Co., No. 2 ..	Springfield ..	265,192	189,027	62,250	.....	6,515	7,200
12	Ill. Coal & Coke Corp., No. 1	Springfield ..	261,926	254,365	.....	.....	2,784	3,817
13	West End Coal Co.	Springfield ..	233,931	98,415	92,235	.....	38,000	4,380
14	Chicago-Springfield C. Co.	Springfield ..	197,808	128,796	64,098	.....	1,262	3,652
15	Bissell Coal Co.	Springfield ..	181,789	169,341	11,564	.....	359	525
16	Union Fuel Co., No. 5	Selbytown ..	172,123	121,505	46,629	.....	1,646	2,349
17	Springfield D.C.M.Co., No. 53	Springfield ..	147,868	112,582	.....	.....	32,783	2,407
18	Springfield Co-op. Coal M.Co.	Springfield ..	137,110	64,417	21,880	.....	45,223	5,590

November 22, 1921, James Fahey, laborer, age 54 years, married, employed by United Electric Coal Company at mine No. 1, was killed. Deceased was riding on rear of engine and fell off, the engine running over him, killing him instantly. He leaves a widow and one child.

December 7, 1921, Joe McAdams, mine examiner, age 34 years, married, was killed by gas explosion in Smith-Lohr Coal Company's mine. He leaves a widow and four children.

December 13, 1921, William Quick, driver, age 30 years, married, was killed by a fall of rock in L. and C. Coal Company's mine. He leaves a widow and four children.

January 4, 1922, Doric Malavolti, machine runner, age 29 years, single, was electrocuted by coming in contact with a mining machine in Peabody Coal Company's No. 9 mine.

January 13, 1922, Cecil Ettinger, laborer, age 20 years, married, was killed at Peabody Coal Company's No. 9 mine by being struck with a cable which had broken while being used to pull empty cars to tippie. He leaves a widow.

January 20, 1922, John Favero, miner, age 45 years, married, was killed by a fall of coal in Peabody Coal Company's No. 7 mine. He leaves a widow and seven children.

February 22, 1922, Joe Burtucci, shot firer, age 54 years, married, was killed in Springfield District Coal Company's No. 58 mine by a shot explosion. He leaves a widow.

February 26, 1922, Gus Melzer, shot firer, age 26 years, married, and Ernest Eggerman, shot firer, age 36 years, married, died from injuries received from a shot explosion on February 21 in Springfield District Coal Company's No. 58 mine. Melzer leaves a widow and one child and Eggerman leaves a widow and four children.

March 1, 1922, Charles Monetti, shot firer, age 27 years, married, died from injuries received February 21 from a shot explosion in Springfield District Coal Mining Company's No. 58 mine. He leaves a widow and one child.

March 3, 1922, William Durko, miner, age 65 years, married, died from injuries received February 28 by a fall of coal in Decatur Coal Company's No. 2 mine. He leaves a widow.

March 13, 1922, Jacob Campbell, miner, age 51 years, married, died from injuries received one week previous in United States Fuel Company's Vermilion mine by a fall of coal. He leaves a widow.

March 23, 1922, Louis Leitard, miner, age 41 years, married, was killed by a fall of coal in Peabody Coal Company's No. 24 mine. He leaves a widow and one child.

Respectfully submitted,

JOSEPH HASKINS, *Inspector.*

-NON-FATAL ACCIDENTS, FIFTH DISTRICT

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
July 8	Matt Shaffer.....	39	Miner.....	Westville.....	U. S. Fuel Co.....	Bunsen.....	1	1	1	1	1	Falling slate
Sept. 15	Dan Davis.....	41	Miner.....	Grape Creek.....	Harrar & Son.....	1	1	1	1	4	5	Falling coal
Sept. 27	Joe Gatantus.....	49	Miner.....	Westville.....	U. S. Fuel Co.....	4	1	1	1	1	1	Falling rock
Sept. 27	Charley Stuebe.....	62	Miner.....	Danville.....	U. S. Fuel Co.....	24	1	1	1	1	1	Falling rock
Oct. 26	Frank Thomas.....	24	Miner.....	Danville.....	Peabody Coal Co.....	Bunsen.....	1	1	1	1	1	Falling rock
Oct. 27	Charles E. Zimmer.....	26	Miner.....	Georgetown.....	U. S. Fuel Co.....	1	1	1	1	1	1	Falling car lift
Nov. 21	Charles E. Zimmer.....	54	Miner.....	Oakwood.....	United Electric Coal Co.....	1	1	1	1	1	1	Engine
Nov. 22	James Fahey.....	34	Miner.....	Pana.....	Smith-Lohr Coal Co.....	1	1	1	1	1	1	Gas explosion
Dec. 7	Joe McAdams.....	30	Miner.....	Richland.....	L. & C. Coal Co.....	1	1	1	1	1	1	Falling rock
Dec. 13	William Quick.....	30	Driver.....	Richland.....	L. & C. Coal Co.....	1	1	1	1	1	1	Falling rock
1922												
Jan. 4	Doric Malavolti.....	29	Mch. run.....	Taylorville.....	Peabody Coal Co.....	9	1	1	1	1	1	Electrocuted
Jan. 13	Cecil Ettinger.....	20	Laborer.....	Taylorville.....	Peabody Coal Co.....	9	1	1	1	1	1	Struck by cable
Jan. 20	John Favero.....	45	Miner.....	Kincaide.....	Peabody Coal Co.....	7	1	1	1	1	1	Falling coal
Jan. 22	Joe Burtucci.....	54	Shot firer.....	Taylorville.....	Springfield Dist. C. Co.....	58	1	1	1	1	1	Shot explosion
Feb. 26	Gus Melzer.....	26	Shot firer.....	Taylorville.....	Springfield Dist. C. Co.....	58	1	1	1	1	1	Shot explosion
Feb. 26	Ernest Eggerman.....	36	Shot firer.....	Taylorville.....	Springfield Dist. C. Co.....	58	1	1	1	1	1	Shot explosion
Mar. 1	Chas. Monetti.....	27	Shot firer.....	Taylorville.....	Springfield Dist. C. Co.....	58	1	1	1	1	1	Shot explosion
Mar. 3	William Durbo.....	65	Miner.....	Decatur.....	Decatur Coal Co.....	2	1	1	1	1	1	Falling coal
Mar. 13	Jacob Campbell.....	51	Miner.....	Danville.....	U. S. Fuel Co.....	Verm. 24	1	1	1	1	1	Falling rock
Mar. 23	Louis Leitard.....	41	Miner.....	Westville.....	Peabody Coal Co.....	24	1	1	1	1	1	Falling coal

FATAL CASUALTIES, FIFTH DISTRICT, JUNE 30, 1922

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Assumption Coal Co.	4	...	207	Blacksmith...	1	...	81	Animals.....	4	...	78
Brady-Branch Coal Co.	4	...	177	Cager.....	1	...	100	Boiler explosion...	2	...	64
Chicago Col. Co.	1	...	33	Carpenters...	2	...	111	Cage.....	9	...	181
Contract Mining Co.	1	...	32	Coupler.....	1	...	30	Electricity.....	7	...	67
Decatur Coal Co.	16	2	1,185	Drivers.....	23	2	52	Fall of person...	9	...	53
Hegeler Zinc Co.	1	...	45	Engineer.....	1	...	87	Fall of roof.....	92	9	64
Lovington Coal Mining Co.	4	...	372	Fireman.....	1	...	45				
Macon County Coal Co.	8	2	264	Foremen.....	4	...	105	Flying particles...	2	...	39
Moweaqua C. M. & Mfg. Co.	4	1	119	Laborers.....	17	1	67	Gas explosion...	1	...	120
Pana Coal Co., No. 1	6	1	285	Loaders.....	94	6	73	Hard Tools.....	10	...	49
Pana Coal Co., No. 2	11	2	590	Machinemen...	20	...	51	Lifting.....	11	3	79
Peabody Coal Co., No. 7	31	...	3,054	Mine manager...	1	...	120	Machinery.....	5	...	51
Peabody Coal Co., No. 8	33	3	1,639	Miners.....	77	9	66	Mining machine...	5	...	57
Peabody Coal Co., No. 9	25	...	1,637	Motor man...	1	...	50	Pit car.....	65	8	52
Peabody Coal Co., No. 21	5	1	248	Tin bern en...	10	...	56	Railway car.....	1	...	55
Peabody Coal Co., No. 24	32	1	1,826	Trackman.....	1	...	40	Shot explosion...	3	...	111
Penwell Coal Mining Co.	7	...	260	Trappers.....	2	...	51	Struck by objects	16	1	68
Springfield Dist. Coal M. Co., No. 58	4	...	192	Trip riders...	12	1	43	Miscellaneous...	14	1	59
Smith-Lohr Coal Co.	9	...	395					Not stated.....	15	...	52
Standard Coal Co.	1	...	120								
Taylor-English Coal Co., No. 2	14	4	536								
United Electric Coal Co., No. 1	2	...	98								
United Electric Coal Co., No. 4	1	...	68								
United Electric Coal Co., No. 5	1	...	47								
United Electric Coal Co., No. 6	1	...	38								
U. S. Fuel Co., Bunsen	7	...	382								
U. S. Fuel Co., Vermilion	18	1	1,102								
U. S. Fuel Co., No. 4	17	3	1,158								
West Tilton Coal Co.	1	1	...								
Total	269	22	16,109		269	22	65		269	22	65

CHRISTIAN

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
	SHIPPING MINES							
1	Peabody Coal Co., No. 8....	Tovey.....	718,823	624,863	85,884	.....	6,994	852
2	Peabody Coal Co., No. 7....	Kincaid.....	708,223	464,282	234,855	.....	8,447	639
3	Peabody Coal Co., No. 9....	Taylorville..	571,577	567,743	2,393	.....	1,043	398
4	Penwell Coal Mining Co.....	Pana.....	239,667	206,554	.....	.....	15,820	9,600
5	Pana Coal Co., No. 2.....	Pana.....	158,122	60,287	54,475	32,512	1,962	6,123
6	Springfield D.C.M.Co.,No. 58	Taylorville..	141,616	27,873	70,607	.....	38,551	3,779
7	Peabody Coal Co., No. 21....	Stonington..	109,675	61,472	37,898	.....	5,923	3,840
8	Smith-Lohr Coal Mining Co.	Pana.....	52,380	46,270	.....	.....	2,232	3,580
9	Pana Coal Co., No. 1.....	Pana.....	43,065	17,386	13,259	4,862	3,083	2,878
10	Assumption C. & M.Co.,No. 1	Assumption..	35,834	23,184	.....	.....	5,535	5,066
11	Christian Co. Mining Co....	Edinburg....	12,128	4,977	.....	.....	6,620	531
	Total .....	.....	2,791,110	2,105,891	499,371	37,374	96,210	37,286

MACON

SHIPPING MINES								
1	Macon Co. Coal Co., M.C....	Decatur....	110,698	16,038	.....	.....	90,741	3,070
2	Decatur Coal Co., No. 2....	Decatur....	79,144	12,241	.....	.....	58,665	8,038
3	Niantic Carbon Coal Co....	Niantic.....	11,484	9,205	.....	.....	1,629	650
Total.....			201,326	37,484	.....	.....	151,035	11,758

MOULTRIE

SHIPPING MINES								
1	Lovington Coal M. Co., No. 1	Lovington....	152,436	46,620	86,870	.....	8,560	8,216

SHELBY

SHIPPING MINES								
1	Moweaqua C. & M. Co., No. 1	Moweaqua....	58,147	42,677	.....	.....	10,337	4,800
LOCAL MINES								
5 mines producing less than 10,000 tons each.....			9,593	.....	.....	.....	9,593	.....
Total, all mines.....			67,740	42,677	.....	.....	19,930	4,800

COUNTY

Loss in pre- paring including coal not sold	Total em- ploy- ees	Days of active opera- tion	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mo- tors, num- ber in use	Tons mined		Num- ber ani- mals under- ground	Accidents		Number
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By machine		Kill- ed	In- jured	
230	597	186	8,947	16,077	.....	41	55	.....	718,823	.....	.....	33	1
.....	626	179	.....	.....	.....	40	19	.....	708,223	1	1	31	2
.....	427	185	7,078	.....	.....	34	8	.....	571,577	21	2	25	3
7,693	338	143	2,934	.....	.....	1	2	225,667	14,000	17	.....	7	4
2,763	394	108	2,067	.....	.....	10	2	.....	158,122	17	.....	11	5
806	365	134	6,413	.....	.....	.....	8	141,616	.....	2	4	4	6
542	233	93	1,051	.....	.....	11	3	43,065	109,675	23	.....	5	7
298	245	45	835	.....	.....	.....	2	52,380	.....	15	1	9	8
1,597	270	30	346	.....	.....	.....	.....	.....	.....	.....	.....	6	9
1,049	95	107	168	.....	.....	1	1	11,944	23,890	6	.....	4	10
.....	44	57	425	50	.....	.....	.....	12,128	.....	1	.....	.....	11
14,978	3,634	115	30,264	16,127	.....	138	100	486,800	2,304,310	103	8	135	

COUNTY

849	189	215	.....	700	.....	6	3	.....	110,698	21	.....	8	1
200	183	180	.....	.....	.....	.....	2	79,144	.....	22	1	16	2
.....	72	50	800	.....	.....	.....	.....	11,484	.....	.....	.....	.....	3
1,049	444	148	800	700	6	5	90,628	110,698	43	1	24	

COUNTY

2,170	213	161	1,012	200	3	1	141,537	10,899	12	4	1
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COUNTY

333	127	108	1,415	8	1	58,147	8	4	1
.....	37	153	1	9,593	
333	164	129	1,415	9	1	67,740	8	4	

VERMILION

Number	Name of operator	Post office address of the mine	Disposition of output—ton					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
SHIPPING MINES								
1	United States Fuel Co., Verm.	Georgetown.	693,732	525,551	145,350	.....	12,065	10,766
2	Peabody Coal Co., No. 24. . .	Danville. . .	537,530	238,294	288,936	.....	2,487	7,275
3	United States Fuel Co., No. 4.	Westville. . .	327,021	143,767	168,507	.....	6,656	8,091
4	United States Fuel Co., Bunsen	Georgetown.	283,973	207,210	68,472	.....	568	7,723
5	United Electric Coal Co., No. 1	Danville. . .	221,870	113,029	99,841	.....	3,000	6,000
6	Brady Branch Coal Co.	Tilton.	209,962	7,060	200,637	.....	2,265	.....
7	Taylor-English Coal Co., No. 2	Catlin.	141,700	15,181	122,855	.....	3,664	.....
8	United Electric Coal Co., No. 6	Danville. . .	135,320	71,426	60,894	.....	2,500	500
9	United Electric Coal Co., No. 4	Danville. . .	92,310	24,000	66,810	.....	.....	1,500
10	United Electric Coal Co., No. 5	Danville. . .	82,245	18,490	62,755	.....	.....	1,000
11	Chicago Collieries Co.	Catlin.	15,229	7,245	7,984	.....	.....	.....
12	I. and I. Coal Co.	Georgetown.	11,141	8,838	1,732	.....	571	.....
13	Sharon Coal Co.	Georgetown.	10,361	3,866	.....	.....	4,523	1,972
14	Chicago Collieries Co., No. 1.	Fairmount. .	2,189	.....	2,189	.....	.....	.....
15	Lone Oak Coal Co.	Danville. . .	1,826	1,626	.....	.....	200	.....
Total			2,766,409	1,385,583	1,296,962	.....	38,499	44,827
LOCAL MINES								
1	Hegeler Zinc Co.	Danville. . .	40,863	.....	.....	.....	.....	40,863
2	Contract Mining Co.	Danville. . .	88,395	.....	.....	.....	88,395	.....
61 mines producing less than 10,000 tons each.			115,497	.....	.....	.....	111,417	4,080
Total			244,755	.....	.....	.....	199,812	44,943
Total, all mines.			3,011,164	1,385,583	1,296,962	.....	238,311	89,770

COUNTY

Loss in pre- paring includ- ing coal not sold	Total em- ploy- ees	Days of active opera- tion	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mo- tors, num- ber in use	Tons mined		Num- ber ani- mals under- ground	Accidents		
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By machine		Kill- ed	In- jured	Number
.....	880	176	14,009	.....	.....	23	7	172,265	521,467	41	1	18	1
538	618	204	12,056	.....	.....	17	4	163,305	374,225	36	2	32	2
.....	492	171	11,804	.....	.....	.....	4	327,021	.....	26	2	17	3
.....	452	169	8,154	.....	.....	8	2	145,232	138,741	24	2	7	4
.....	111	184	1,041	2,500	1,500	.....	.....	221,870	.....	.....	1	2	5
.....	223	236	5,334	.....	.....	6	1	89,256	120,706	13	.....	4	6
.....	244	143	2,344	.....	.....	6	.....	14,809	126,891	30	.....	14	7
.....	197	172	2,500	450	.....	.....	.....	135,320	.....	.....	.....	1	8
.....	68	123	500	1,200	.....	.....	.....	92,310	.....	.....	.....	1	9
.....	60	128	400	1,050	.....	.....	.....	82,245	.....	.....	.....	1	10
.....	38	44	.....	.....	.....	.....	.....	15,229	.....	.....	.....	1	11
.....	35	97	.....	.....	.....	.....	.....	11,141	.....	.....	.....	1	12
.....	80	135	863	.....	.....	.....	.....	10,361	.....	4	.....	1	13
.....	111	10	76	.....	.....	.....	.....	2,189	.....	.....	.....	1	14
.....	20	28	.....	.....	.....	.....	.....	1,826	.....	2	.....	1	15
538	3,629	135	59,081	5,200	1,500	60	18	1,484,379	1,282,030	176	8	98	.....
.....	91	239	1,900	.....	.....	.....	.....	88,395	.....	.....	.....	1	1
.....	65	138	888	.....	.....	.....	.....	40,863	.....	.....	.....	1	2
.....	250	155	4,198	.....	.....	.....	.....	115,497	.....	.....	2	2	3
.....	406	157	6,986	.....	.....	.....	.....	244,755	.....	.....	2	.....	4
538	4,035	151	66,067	5,200	1,500	60	18	1,729,134	1,282,030	176	10	102	.....

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in preparing and, not sold June 30	
Christian.....	11	2,791,110	2,105,891	499,371	37,374	96,210	37,286	14,978	33,103
Macon.....	3	201,326	37,484	.....	.....	155,035	11,758	1,049	.....
Moultrie.....	1	152,436	46,620	86,870	.....	8,560	8,216	2,170	.....
Shelby.....	1	58,147	42,677	.....	.....	10,337	4,800	333	.....
Vermilion.....	15	2,766,409	1,385,583	1,296,962	.....	38,499	44,827	538	.....
Total.....	31	5,969,428	3,618,255	1,883,203	37,374	304,641	106,887	19,068	33,103

LOCAL MINES, RECAPITULATION

Shelby.....	5	9,593	.....	.....	.....	9,593	.....	.....	.....
Vermilion.....	63	244,755	.....	.....	.....	199,812	44,943	.....	.....
Total.....	68	254,348	.....	.....	.....	209,405	44,943	.....	.....

ALL MINES, RECAPITULATION

Christian.....	11	2,791,110	2,105,891	499,371	37,374	96,210	37,286	14,978	33,103
Macon.....	3	201,326	37,484	.....	.....	151,035	11,758	1,049	.....
Moultrie.....	1	152,436	46,620	86,870	.....	8,560	8,216	2,170	.....
Shelby.....	6	67,740	42,677	.....	.....	19,930	4,800	333	.....
Vermilion.....	78	3,011,164	1,385,583	1,296,962	.....	238,311	89,770	538	.....
Total.....	99	6,223,776	3,618,255	1,883,203	37,374	514,046	151,830	19,068	33,103

BY COUNTIES, FIFTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
3,259	375	3,634	30,264	16,127	.....	115	138	486,800	2,304,310	100	103	8	135
388	56	444	800	700	.....	148	6	90,628	110,698	5	43	1	24
195	18	213	1,012	200	.....	161	3	141,537	10,899	1	.....	.....	4
116	11	127	1,415	.....	.....	108	8	.....	58,147	1	8	.....	4
3,108	521	3,629	59,081	5,200	1,500	135	60	1,484,379	1,282,030	18	176	8	98
7,066	981	8,047	92,572	22,227	1,500	129	215	2,203,344	3,766,084	125	330	17	265

BY COUNTIES, FIFTH DISTRICT

34	3	37	.....	.....	.....	153	1	.....	9,593	.....	.....	.....	.....
352	54	406	6,986	.....	.....	157	.....	244,755	.....	.....	.....	2	4
386	57	443	6,986	.....	.....	156	1	244,755	9,593	.....	.....	2	4

BY COUNTIES, FIFTH DISTRICT

3,259	375	3,634	30,264	16,127	.....	115	138	486,800	2,304,310	100	.....	8	135
388	56	444	800	700	.....	148	6	90,628	110,698	5	43	1	24
195	18	213	1,012	200	.....	161	3	141,537	10,899	1	.....	.....	4
150	14	164	1,415	.....	.....	129	9	.....	67,740	1	8	.....	4
3,460	575	4,035	56,067	5,200	1,500	152	60	1,729,131	1,282,030	18	176	10	102
7,452	1,038	8,490	99,558	22,227	1,500	148	216	2,448,099	3,775,677	125	330	19	269

SIXTH INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Sixth Inspection District, comprising the coal producing counties of Greene, Jersey, Macoupin, and Montgomery.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	4
Number of shipping mines.....	22
Number of local mines.....	8
Number of employees underground.....	10,071
Number of employees on surface.....	880
Total number of employees.....	10,951
Total tons of coal produced.....	7,527,996
Days of active operation, shipping mines, average.....	127
Days of active operation, local mines, average.....	151
Number of fatal accidents.....	15
Number of non-fatal accidents.....	571
Number of employees to each fatal accident.....	730
Number of employees to each non-fatal accident.....	19.2
Tons of coal produced to each fatal accident.....	501,866
Tons of coal produced to each non-fatal accident.....	13,184
Ratio of fatal accidents per 1,000 employees.....	1.37

THE FOLLOWING MINES WERE NOT IN OPERATION DURING THE PAST YEAR

Union Fuel Company's No. 1, Nilwood, and No. 6, Girard; Indiana and Illinois Coal Corporation's No. 14 mine, Witt; and Clover Leaf Coal Mining Company's mine, Coffeen.

FATAL ACCIDENTS

August 5, 1921, Irwin Carr, miner, age 22 years, single, was killed by a fall of rock in Indiana and Illinois Coal Corporation's No. 11 mine.

September 27, 1921, Pete Sadowski, miner, age not given, married, died from blood poison as a result of an injury to the finger received eight days previous in Superior Coal Company's No. 4 mine. He leaves a widow.

October 31, 1921, John Pirrek, miner, age 37 years, married, died from injuries received three days before in Shoal Creek Coal Company's mine by a fall of coal. He leaves a widow and two children.

October 31, 1921, Thomas Dungen, miner, age 56 years, married, was injured October 28 by a shot explosion in Superior Coal Company's No. 4 mine, from the effect of which he died in Litchfield Hospital. He leaves a widow.

November 14, 1921, Peter W. Slacel, miner, age 59 years, widower, was killed by a cage in Illinois Coal and Coke Corporation's No. 4 mine. He leaves seven dependent children.

November 18, 1921, John Reckart, miner, age 42 years, single, was killed in Hillsboro Coal Company's mine by a fall of coal.

November 29, 1921, John C. Miller, Jr., face boss, age 29 years, married, died from injuries received by a fall of slate in Consolidated Coal Company's No. 7 mine on November 5. He leaves a widow and two children.

December 2, 1921, James Chadwick, miner, age 40 years, married, was killed by falling slate in Superior Coal Company's No. 4 mine. He leaves a widow and three children.

December 4, 1921, Primo Zaucichelli, miner, age 38 years, married, was killed by a fall of rock in Standard Oil Company's No. 1 mine. He leaves a widow and three children.

January 16, 1922, Dominic Deright, driver, age 20 years, single, was caught between a car and rib and killed in Shoal Creek Coal Company's mine. He leaves his mother dependent.

March 9, 1922, George Moslowski, miner, age 30 years, married, died from injuries received the previous day by a fall of coal in Standard Oil Company's No. 1 mine. He leaves a widow and one child.

March 11, 1922, John Marusak, miner, age 50 years, married, was run over by a pit car and killed in Superior Coal Company's No. 1 mine. He leaves a widow and six children.

March 11, 1922, Camillio Baruella, trip rider, age 21 years, single, died from injuries received two days previous by being caught between pit cars in mine No. 4, Superior Coal Company. He leaves his mother dependent.

March 29, 1922, B. Marak, miner, age 60 years, married, died from injuries received five days previous from a fall of rock in Shoal Creek Coal Company' mine. He leaves a widow and one child.

April 26, 1922, John Yonkers, machine runner, age 28 years, single, died from injuries received January 18 by a fall of clod in Bartels Coal Company' mine. He leaves his mother dependent.

Respectfully submitted,

JOHN G. MILLHOUSE, *Inspector.*

FATAL CASUALTIES, SIXTH DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921	Irwin Carr.....		Miner.....	Coffeen.....	Ind. & Ill. Coal Corp.....	11	1	1				Falling rock
Aug. 5	Pete Sadowski.....	22	Miner.....	Wilsonville.....	Superior Coal Co.....	4	1				1	Blood poison, from injured thumb
Sept. 27	Thomas Dungen.....	56	Miner.....	Wilsonville.....	Shoal Creek Coal Co.....	4	1				1	Shot explosion
Oct. 31	John Piprek.....	37	Miner.....	Panama.....	Shoal Creek Coal Co.....	1	1		1	2	3	Falling coal
Oct. 31	Peter W. Slagle.....	59	Miner.....	Grard.....	Ill. Coal Corp.....	4		1		7		Cage
Nov. 18	John Reckart.....	42	Miner.....	Hillsboro.....	Hillsboro Coal Co.....	7	1	1		2	3	Falling slate
Nov. 29	John C. Miller.....	29	Face boss.....	Stanton.....	Consolidated Coal Co.....	4	1		1	3	4	Falling slate
Dec. 2	James Chadwick.....	40	Miner.....	Bunker Hill.....	Superior Coal Co.....	1	1		1	3	4	Falling rock
Dec. 4	Primo Zaucichelli.....	38	Miner.....	Carlinsville.....	Standard Oil Co. (Ind.).....	1		1			1	Pit car
1922												
Jan. 16	Dominic Delright.....	20	Driver.....	Panama.....	Shoal Creek Coal Co.....	1	1				2	Falling coal
Mar. 9	George Moslowski.....	30	Miner.....	Carlinsville.....	Standard Oil Co. (Ind.).....	1		1		1	1	Pit car
Mar. 11	Camillio Batuelia.....	21	Trip rider.....	Wilsonville.....	Superior Coal Co.....	4	1			6	7	Pit car
Mar. 11	John Marusak.....	50	Miner.....	Benid.....	Superior Coal Co.....	1	1		1	1	2	Falling rock
Mar. 29	B. Marak.....	60	Miner.....	Panama.....	Shoal Creek Coal Co.....	1	1				1	Falling rock
April 26	John Yonkers.....	28	Mch. run.....	Collinsville.....	Bartels Coal Co.....	1		1				Falling clod

NON-FATAL ACCIDENTS, SIXTH DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Bartels Coal Co.....	4	...	201	Blacksmiths.....	2	...	59	Animal.....	11	1	48
Consolidated Coal Co., No. 7.....	61	1	3,669	Cagers.....	2	...	54	Fall of roof and side.....	128	14	56
Consolidated Coal Co., No. 14.....	55	4	3,159	Carpenter.....	1	...	116	Fall of person.....	42	2	64
Consolidated Coal Co., No. 15.....	36	1	1,615	Couplers.....	3	...	78	Flying particles.....	26	2	60
Gillespie Coal Co.....	17	4	831	Drivers.....	34	3	59	Hand tools.....	10	...	47
Hillsboro Coal Co.....	7	1	225	Engineers.....	2	...	45	Lifting.....	115	18	62
Illinois Coal & Coke Corp., No. 3.....	2	1	37	Foremen.....	2	...	78	Mining machine.....	20	3	64
Illinois Coal & Coke Corp., No. 4.....	7	3	170	Laborers.....	58	3	58	Motor.....	3	...	94
Indiana & Illinois Coal Corp., No. 10.....	28	15	716	Loaders.....	310	32	56	Pit car.....	81	7	59
Indiana & Illinois Coal Corp., No. 11.....	26	2	1,455	Machinemen.....	61	7	65	Struck by object.....	91	3	49
Indiana & Illinois Coal Corp., No. 12.....	8	3	233	Mirers.....	13	2	57	Miscellaneous.....	30	3	57
Indiana & Illinois Coal Corp., No. 15.....	25	3	1,448	Motormen.....	15	2	61	Not stated.....	14	2	64
Madison Coal Corp., No. 5.....	21	2	1,236	Spragger.....	1	...	75				
Nokomis Coal Co.....	27	5	1,050	Timbermen.....	17	1	62				
Royal Coal Co.....	14	...	908	Trackmen.....	17	2	56				
Shoal Creek Coal Co.....	27	5	1,104	Trappers.....	2	...	44				
Standard Oil Coal Co., No. 1.....	34	3	1,940	Trip riders.....	31	3	55				
Standard Oil Coal Co., No. 2.....	2	1	33								
Superior Coal Co., No. 1.....	33	...	1,986								
Superior Coal Co., No. 2.....	50	...	2,666								
Superior Coal Co., No. 3.....	41	...	2,388								
Superior Coal Co., No. 4.....	46	1	2,574								
Total.....	571	55	29,944		571	55	58		571	55	58

GREENE

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
	LOCAL MINES							
	5 mines producing less than 10,000 tons each.....	.....	3,041	.....	.....	.....	3,041	.....

JERSEY

	LOCAL MINE							
	1 mine producing less than 10,000 tons.....		1,500				1,500	

MACOUPIN

	SHIPPING MINES							
1	Superior Coal Co., No. 3.....	Gillespie.....	836,321		813,525		8,646	14,150
2	Superior Coal Co., No. 1.....	Gillespie.....	684,994		666,037		6,589	12,368
3	Superior Coal Co., No. 2.....	Gillespie.....	682,148		662,480		5,241	14,427
4	Superior Coal Co., No. 4.....	Gillespie.....	649,419		632,491		3,677	13,251
5	Consolidated Coal Co., No. 7.....	Staunton.....	504,780	338,703	141,760			9,974
6	Standard Oil Co. (Ind.), No. 1.....	Carlinville.....	500,922	484,538	307		5,575	10,502
7	Consolidated Coal Co., No. 15.....	Staunton.....	382,288	172,436	190,523		1,410	17,919
8	Illinois C. & C. Corp., No. 3.....	Virdeen.....	265,450	247,717			7,887	8,223
9	Madison Coal Corp., No. 5.....	Mt. Olive.....	230,026		203,361	13,229	2,714	9,410
10	Consolidated Coal Co., No. 4.....	Staunton.....	218,082	83,975	113,863			16,494
11	Gillespie Coal Co.....	Gillespie.....	189,182	4,897	180,208		3,877	200
12	Royal Colliery Co.....	Virdeen.....	139,347	21,577	111,550		844	5,376
13	Illinois C. & C. Corp., No. 4.....	Girard.....	68,803	43,331	13,605		7,178	3,444
14	Standard Oil Co. (Ind.), No. 2.....	Carlinville.....	45,607	39,170		685	67	4,451
15	Bartels Coal Co.....	Carlinville.....	40,955	21,420			17,434	2,055
	Total.....		5,438,324	1,457,764	3,729,710	13,914	71,139	142,244
	LOCAL MINES							
	2 mines producing less than 10,000 tons each.....		6,183				5,973	210
	Total, all mines.....		5,444,507	1,457,764	3,729,710	13,914	77,112	142,454

MONTGOMERY

	SHIPPING MINES							
1	Nokomis Coal Co., No. 1.....	Nokomis.....	574,719	549,776			6,628	15,436
2	Shoal Creek Coal Co., No. 1.....	Panama.....	419,128	130,447	252,085		3,907	7,184
3	Ind. & Ill. Coal Corp., No. 15.....	Taylor Spgs.....	298,856	113,947	171,710		5,138	7,322
4	Hillsboro Coal Co.....	Hillsboro.....	259,731	220,203	15,347		12,958	11,223
5	Ind. & Ill. Coal Corp., No. 11.....	Hillsboro.....	238,389	23,187	208,300		2,278	4,407
6	Ind. & Ill. Coal Corp., No. 10.....	Nokomis.....	145,458	126,418	17,397		1,395	242
7	Ind. & Ill. Coal Corp., No. 12.....	Witt.....	142,667	10,986	126,245		2,717	2,617
	Total.....		2,078,948	1,174,964	791,084		35,021	48,431

COUNTY

Loss in pre- paring includ- ing coal not sold	Total em- ploy- ees	Days of active opera- tion	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mo- tors, num- ber in use	Tons mined		Accidents		Number
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By machine	Num- ber ani- mals under- ground	Kill- ed	
.....	24	111	140	3,041

COUNTY

.....	4	200	1,500	1
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COUNTY

.....	738	168	4,940	23	19	836,321	6	41	1
.....	779	171	5,608	26	13	684,994	27	1	33	2
.....	731	145	4,076	18	10	682,148	29	50	3
.....	698	165	5,633	.....	.....	24	18	.....	649,419	.....	4	46	4
.....	687	127	3,088	.....	.....	21	14	.....	504,780	23	1	61	5
.....	540	189	8,014	.....	.....	22	13	.....	500,922	1	2	34	6
.....	627	91	2,321	.....	.....	18	5	.....	382,288	36	.....	36	7
.....	360	154	5,327	.....	.....	11	3	60,033	205,417	25	.....	2	8
.....	277	158	1,239	.....	.....	20	3	.....	230,026	20	.....	21	9
.....	3,750	668	55	1,405	.....	18	11	.....	218,082	15	.....	55	10
.....	159	214	1,860	.....	.....	7	1	.....	189,182	10	.....	17	11
.....	458	62	2,239	.....	.....	22	4	.....	139,347	30	.....	14	12
.....	1,245	302	59	1,804	.....	8	3	25,957	42,846	15	1	7	13
.....	1,234	353	54	1,083	.....	30	11	.....	45,607	1	.....	2	14
.....	46	66	165	570	.....	6	.....	.....	40,955	3	1	4	15
23,553	7,443	132	49,208	.....	.....	274	128	85,990	5,352,334	239	10	423	.....
.....	20	225	231	.....	.....	.....	.....	6,183	.....	.....	.....	.....	1
23,553	7,463	143	49,439	.....	.....	274	128	92,173	5,352,334	239	10	423	.....

COUNTY

2,879	772	144	6,455	.....	.....	29	4	107,967	466,752	.....	27	1	
25,505	564	142	.....	.....	.....	25	7	.....	419,128	33	3	27	2
739	450	121	3,937	.....	.....	31	16	.....	298,856	.....	.....	25	3
.....	291	175	2,115	.....	.....	16	5	.....	259,731	22	1	7	4
217	457	120	2,308	500	.....	21	3	.....	238,389	54	1	26	5
6	430	54	1,602	.....	.....	32	12	52,161	93,297	.....	.....	28	6
102	481	62	1,295	.....	.....	14	4	42,526	100,141	32	.....	8	7
29,448	3,460	117	17,712	500	.....	162	51	202,654	1,876,294	141	5	148	.....

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in preparing and not sold June 30	
Macoupin.....	15	5,438,324	1,457,764	3,729,710	13,914	71,139	142,244	23,553	329,629
Montgomery....	7	2,078,948	1,174,964	791,084	.....	35,021	48,431	29,448	108,871
Total.....	22	7,517,272	2,632,728	4,520,794	13,914	106,160	190,675	53,001	438,500

LOCAL MINES, RECAPITULATION

Green.....	1	3,041	.....	.....	.....	3,041	.....	.....	.....
Jersey.....	5	1,500	.....	.....	.....	1,500	.....	.....	.....
Macoupin.....	2	6,183	.....	.....	.....	5,973	210	.....	.....
Total.....	8	10,724	.....	.....	.....	10,514	210	.....	.....

ALL MINES, RECAPITULATION

Green.....	1	3,041	.....	.....	.....	3,041	.....	.....	.....
Jersey.....	1	1,500	.....	.....	.....	1,500	.....	.....	.....
Macoupin.....	17	5,444,507	1,457,764	3,729,710	13,914	77,112	142,454	23,553	329,629
Montgomery....	7	2,078,948	1,174,964	791,084	.....	35,021	48,431	29,448	108,871
Total.....	30	7,527,996	2,632,728	4,520,794	13,914	116,674	190,885	53,001	438,500

BY COUNTIES, SIXTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals under ground	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
6,873	570	7,443	19,208	.....	.....	132	274	85,990	5,352,334	128	239	10	423
3,161	299	3,460	17,712	500	.....	117	162	202,654	1,876,294	51	141	5	148
10,034	869	10,903	66,920	500	.....	127	436	288,644	7,228,628	179	380	15	571

BY COUNTIES, SIXTH DISTRICT

18	6	24	140	.....	.....	111	.....	3,041	.....	.....	.....	.....	.....
3	1	4	.....	.....	.....	200	.....	1,500	.....	.....	.....	.....	.....
16	4	20	231	.....	.....	225	.....	6,183	.....	.....	.....	.....	.....
37	11	48	371	.....	.....	151	.....	10,724	.....	.....	.....	.....	.....

BY COUNTIES, SIXTH DISTRICT

18	6	24	140	.....	.....	111	.....	3,041	.....	.....	.....	.....	.....
3	1	4	.....	.....	.....	200	.....	1,500	.....	.....	.....	.....	.....
6,889	574	7,463	19,439	.....	.....	143	274	92,173	5,352,334	128	239	10	423
3,161	299	3,460	17,712	500	.....	117	162	202,654	1,876,294	51	141	5	148
10,071	880	10,951	57,291	500	.....	133	436	299,368	7,228,628	179	380	15	571

SEVENTH INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Seventh Inspection District, comprising the coal producing counties of Bond, Madison, and Marion.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	3
Number of shipping mines.....	21
Number of local mines.....	9
Number of employees underground.....	5,229
Number of employees on surface.....	556
Total number of employees.....	5,785
Total tons of coal produced.....	3,995,348
Days of active operation, shipping mines, average.....	127
Days of active operation, local mines, average.....	131
Number of fatal accidents.....	10
Number of non-fatal accidents.....	322
Number of employees to each fatal accident.....	578
Number of employees to each non-fatal accident.....	18
Tons of coal produced to each fatal accident.....	399,535
Tons of coal produced to each non-fatal accident.....	6,912
Ratio of fatal accidents per 1,000 employees.....	1.74

CHANGE OF NAME

Moro Coal Company is now Mizer Coal Company.

ABANDONED MINES

The following mines were not operated and are abandoned permanently or temporarily closed: Donk Bros.' No. 1, Collinsville; Mount Olive and Staunton Coal Company's No. 1, Staunton; Bunker Hill Coal Company operated as a local mine.

FATAL ACCIDENTS

August 8, 1921, Josh Skinner, miner, age 53 years, married, was killed by falling clod in Abbey Coal Corporation's mine. He leaves a widow and two children.

September 12, 1921, Joseph Zambaldi, miner, age 39 years, married, was killed by a fall of slate in Donk Brothers Coal and Coke Company's No. 2 mine. He leaves a widow and three children.

September 23, 1921, William McIntosh, timberman, age 52 years, married, was killed by a fall of slate in Donk Brothers Coal and Coke Company's No. 2 mine. He leaves a widow and four children.

October 12, 1921, Matt Tondello, miner, age 33 years, married, was killed by falling clod in New Staunton Coal Company's mine. He leaves a widow and two children.

December 10, 1921, Louis Donati, trip rider, age 28 years, single, died from injuries received December 1 in Donk Brothers Coal and Coke Company's No. 4 mine by being caught between a car and coal rib.

December 13, 1921, Julius Reimler, laborer, age 47 years, married, was killed in Donk Brothers Coal and Coke Company's No. 1 mine. Deceased was running an empty coal car under the washer when he was caught between the car and the brace. He leaves a widow and three children.

January 10, 1922, Christ Gerling, laborer, age 66 years, married, was killed by pit cars in Donk Brothers Coal and Coke Company's No. 3 mine. He leaves a widow and two children.

January 28, 1922, George Gillespie, miner, age 52 years, married, was killed in Pocahontas Mining Company's mine by a fall of coal. He leaves a widow and one child.

February 28, 1922, Alex. Waitkus, miner, age 47 years, single, was killed by flying coal in Donk Brothers Coal and Coke Company's No. 2 mine.

March 14, 1922, Rosch Cruse, laborer, age 50 years, married, was killed by railroad cars at Chicago-Sandoval Coal Company's mine. He leaves a widow and two children.

Respectfully submitted,

HENRY D. THOMPSON, *Inspector.*

FATAL CASUALTIES, SEVENTH DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
Aug. 8	Josh Skinner	53	Miner	Collinsville	Abbey Coal Corp.	.....	1	.....	1	2	3	Falling clod
Sept. 12	Joseph Zambaldi	39	Miner	Collinsville	Donk Bros. C. & C. Co.	2	1	.....	1	3	4	Falling rock
Sept. 23	Wm. McIntosh	52	Timberman	Maryville	Donk Bros. C. & C. Co.	2	1	.....	1	4	5	Falling rock
Oct. 12	Matt Tondelli	33	Miner	Williamson	New Staunton Coal Co.	1	1	.....	1	2	3	Falling clod
Dec. 10	Louis Donati	28	Trip rider	Collinsville	Donk Bros. C. & C. Co.	4	1	.....	1	.....	.....	Pit car
Dec. 13	Julius Reimler	47	Laborer	Donkville	Donk Bros. C. & C. Co.	2	1	.....	1	3	4	Railroad car
1922												
Jan. 10	Christ Gerling	66	Laborer	Troy	Donk Bros. C. & C. Co.	3	1	.....	1	2	3	Pit car
Jan. 28	George Gillespie	52	Miner	Pocahontas	Pocahontas Mining Co.	1	1	.....	1	1	2	Falling coal
Feb. 28	Alex. Waitkus	47	Miner	Maryville	Donk Bros. C. & C. Co.	2	1	.....	1	.....	.....	Flying coal
Mar. 14	Rosch Cruse	50	Laborer	Sandoval	Chicago & Sandoval C. Co.	2	1	.....	1	2	3	Railroad cars

NON-FATAL ACCIDENTS, SEVENTH DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Abbey Coal Corp.....	5	1	255	Asst. Mine Mgr.....	1	...	31	Animals.....	4	...	52
Chicago-Sandoval Coal Co.....	16	4	629	Blacksmiths....	3	...	59	Cage.....	4	2	57
Donk Bros. Coal & Coke Co., No. 2	48	11	2,169	Cagers.....	2	1	120	Electricity.....	10	2	35
Donk Bros. Coal & Coke Co., No. 3	13	7	286	Coupler.....	1	...	161	Fall of roof and side.....	115	33	63
Donk Bros. Coal & Coke Co., No. 4	28	10	826	Drivers.....	32	6	53	Fall of person....	10	1	82
Jay Coal Co.....	1	1	...	Firemen.....	3	...	44	Hand tools.....	16	3	48
Kerns-Donnewald Coal Co.....	13	9	355	Foremen.....	2	1	75	Mining machine....	12	3	66
Lumaghi Coal Co., No. 2.....	35	3	2,075	Laborers.....	27	10	65	Pit car.....	75	15	55
Lumaghi Coal Co., No. 3.....	13	2	718	Loaders.....	100	19	55	Railway car.....	1	...	43
Madison Co. Mining Co.....	5	...	277	Machinememen....	37	12	61	Shot explosion....	1	...	30
Madison Coal Corp., No. 2.....	28	5	1,319	Miners.....	74	18	31	Struck by object....	15	4	53
Marion Co. Coal Co.....	41	5	1,847	Motormen.....	5	2	83	Miscellaneous.....	26	4	49
Mt. Olive & Staunton Coal Co., No. 2	22	5	861	Shot firers.....	2	1	30	Not stated.....	35	9	49
New Castle Coal Co.....	4	...	132	Spragger.....	1	...	71				
New Staunton Coal Co.....	34	13	1,054	Timbermen....	11	4	93				
Odin Coal Co.....	5	...	330	Trackmen.....	4	1	46				
Pocahontas Mining Co.....	11	...	802	Trappers.....	3	...	37				
				Trip riders....	14	1	51				
Total.....	322	76	13,935		322	76	57		322	76	57

BOND

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
	SHIPPING MINES							
1	Pocahontas Mining Co., No. 1	Pocahontas	189,497	138,440	42,380	.....	3,416	4,680

MADISON

SHIPPING MINES								
1	Mt. Olive & Staunton Coal Co., No. 2	Staunton	548,598	526,048	.....	.....	5,804	16,746
2	Donk Bros. C. & C. Co., No. 2	Maryville	523,750	507,628	.....	108	2,395	13,619
3	New Staunton Coal Co., No. 1	Livingston	457,916	365,800	77,764	.....	4,907	8,128
4	Madison Coal Corp., No. 2	Glen Carbon	363,001	.....	346,714	.....	2,960	13,175
5	Lumaghi Coal Co., No. 2	Collinsville	291,190	263,511	13,077	.....	.....	14,602
6	Donk Bros. C. & C. Co., No. 4	Edwardsville	213,364	205,766	.....	704	25	6,869
7	Donk Bros. C. & C. Co., No. 3	Troy	153,469	141,578	.....	.....	5,599	6,292
8	Kerns-Donnerwald Coal Co.	Worden	141,846	35,079	99,578	.....	3,672	3,517
9	Lumaghi Coal Co., No. 3	Collinsville	112,457	83,427	26,150	.....	.....	2,880
10	Abbey Coal Corporation	Collinsville	96,678	1,615	.....	.....	93,129	1,346
11	Madison Co. Mining Co.	Edwardsville	66,349	42,596	8,786	6	14,361	400
12	New Castle Coal Co.	Edwardsville	45,588	36,900	.....	.....	6,688	2,000
13	Bullock Mining Co.	Collinsville	33,003	26,872	.....	.....	5,731	400
14	Jay Coal Co.	Bethalto	22,477	12,639	199	.....	7,577	2,062
15	East Side Coal Co.	Edwardsville	9,660	400	.....	.....	9,090	170
16	Edwardsville Coal Co.	Edwardsville	4,606	.....	3,000	.....	1,006	600
17	Mizer Coal Co.	Moro	896	290	.....	.....	581	25
Total			3,084,848	2,250,149	575,268	818	163,525	92,831
LOCAL MINES								
1	Bunker Hill Coal Co.	Collinsville	24,000	.....	.....	.....	23,000	1,000
8 mines producing less than 10,000 tons each			9,571	.....	.....	.....	8,736	835
Total			33,571	.....	.....	.....	31,736	1,835
Total, all mines			3,118,419	2,250,149	575,268	818	195,261	94,666

MARION

SHIPPING MINES								
1	Marion County Coal Co.	Centralia	270,798	135,676	109,606	.....	7,381	9,160
2	Chicago-Sandoval C. Co., No. 2	Sandoval	233,840	126,644	89,970	.....	5,893	10,923
3	Odin Coal Co.	Odin	183,094	155,816	7,997	.....	6,506	12,775
Total			687,732	418,136	207,573	.....	19,780	32,858

COUNTY

Loss in pre- paring includ- ing coal not sold	Total em- ploy- ees	Days of active opera- tion	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mo- tors, num- ber in use	Tons mined		Num- ber ani- mals under- ground	Accidents		Number
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By ma- chine		Kill- ed	In- jured	
281	284	106	4,436			10	2	30,588	158,609	15	1	11	1

COUNTY

.....	636	146	3,024			18	3		548,598	35		22	1
.....	554	142	7,077			25	14		523,750	22	4	48	2
1,317	626	104	4,024			18	20		457,916	9	1	34	3
152	426	157	4,124			19	4		363,001	29		28	4
.....	476	88	3,759			22	13		291,190	9		35	5
.....	296	138	2,810			12	7		213,364	1	1	28	6
.....	313	108	5,263			5	2	105,200	48,269	21	1	13	7
.....	277	127	1,482			8	2		141,846	18		13	8
.....	189	104	4,623			1	1	106,410	6,047	12		13	9
588	97	181	1,285			4		2,076	94,602	12	1	5	10
200	138	110	948			6	1	4,290	62,059	7		5	11
.....	69	181				6			45,588	7		4	12
.....	44	133	1,368					33,003		5			13
.....	36	155	249			3		1,445	21,032	3		1	14
.....	21	150	390					9,660		2			15
.....	111	10	72			7		800	3,806	15			16
.....	10	44	30					896					17
2,257	4,319	122	40,528			154	67	263,780	2,821,068	207	8	249	
.....	37	183							24,000				1
.....	41	124	199			2		9,571					
.....	78	131	199			2		9,571	24,000				
2,257	4,397	125	40,727			156	67	273,351	2,845,068	207	8	249	

COUNTY

8,975	544	123	3,957	367		20	5	50,662	220,136	22		41	1
410	296	157	10,902	200			4	233,840		30	1	16	2
.....	264	201	1,924			12	4	5,009	178,085	20		5	3
9,385	1,104	160	16,783	567		32	13	289,511	398,221	72	1	62	

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to loco-motives	Sold to local trade	Consumed at the mine	Lost in pre-paring and not sold June 30	
Bond	1	189,197	138,440	42,380	.....	3,416	4,680	281	.....
Madison	17	3,084,848	2,250,149	575,268	818	163,525	92,831	2,257	.....
Marion	3	687,732	418,136	207,573	.....	19,780	32,858	9,385	.....
Total	21	3,961,777	2,806,725	825,221	818	186,721	130,369	11,923

LOCAL MINES, RECAPITULATION

Madison	9	33,571	31,736	1,835
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ALL MINES, RECAPITULATION

Bond	1	189,197	138,440	42,380	3,416	4,680	281
Madison	26	3,118,419	2,250,149	575,268	818	195,261	94,666	2,257
Marion	3	687,732	418,136	207,573	.....	19,780	32,858	9,385	.....
Total	30	3,995,348	2,806,725	825,221	818	218,457	132,204	11,923	.....

BY COUNTIES, SEVENTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals under ground of	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
259	25	284	4,436	.....	.....	106	10	30,588	158,609	2	15	1	11
3,922	397	4,319	40,528	.....	.....	122	154	163,780	2,821,068	67	207	8	249
981	123	1,104	16,783	567	.....	160	32	289,511	398,221	13	72	1	62
5,162	545	5,707	61,747	567	127	196	583,879	3,377,898	82	294	10	322

BY COUNTIES, SEVENTH DISTRICT

67	11	78	199	131	2	9,571	24,000
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BY COUNTIES, SEVENTH DISTRICT

259	25	284	4,436	106	10	30,588	158,609	2	15	1	11
3,989	408	4,397	40,727	125	156	273,351	2,845,068	67	207	8	249
981	123	1,104	16,783	567	.....	160	32	289,511	398,221	13	72	1	62
5,229	556	5,785	61,946	567	.....	128	198	593,450	3,401,898	82	294	10	322

EIGHTH INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Eighth Inspection District, comprising the coal producing counties of Clinton and St. Clair.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	2
Number of shipping mines.....	52
Number of local mines.....	19
Number of employees underground.....	7,581
Number of employees on surface.....	765
Total number of employees.....	8,346
Total tons of coal produced.....	5,473,442
Days of active operation, shipping mines, average.....	111
Days of active operation, local mines, average.....	160
Number of fatal accidents.....	8
Number of non-fatal accidents.....	235
Number of employees to each fatal accident.....	1,043
Number of employees to each non-fatal accident.....	35.5
Tons of coal produced to each fatal accident.....	684,180
Tons of coal produced to each non-fatal accident.....	23,291
Ratio of fatal accidents per 1,000 employees.....	.96

CHANGE OF NAME

North Breese Coal Company to Breese-Trenton Mining Company, Perry County Coal Corporation to Perry Coal Company, Superior Mining Company to Perry Coal Company, South Belleville Coal Company to Perry Coal Company.

THE FOLLOWING MINES HAVE NOT BEEN IN OPERATION THE PAST YEAR

Prairie Coal Co., Kalb Coal Company's Vinegar Hill mine, Superior Mining Company's Valley mine, Scott Coal Co., H. E. Miller Coal Co., and Fullerton Coal Co. The Highland Coal Co. and West Belleville Coal Co. were operated during the past year as local mines.

FATAL ACCIDENTS

September 29, 1921, John Schwalb, miner, age 41 years, married, was killed by falling slate in Glendale Coal Company's mine. He leaves a widow and five children.

October 22, 1921, William F. Albrecht, miner, age 43 years, married, was killed by flying coal from shot explosion in St. Louis and O'Fallon Coal Company's No. 2 mine. He leaves a widow and one child.

October 28, 1921, Clemens Miller, machine runner, age 40 years, married, was killed by falling slate in Consolidated Coal Company's No. 17 mine. He leaves a widow and one child.

November 15, 1921, Christ Grandcolas, miner, age 50 years, married, was killed by falling clod in Groom Coal Company's mine. He leaves a widow and four children.

December 22, 1921, Rod Johnson, miner, age 36 years, married, was killed by falling clod in Breese-Trenton Coal Company's mine. He leaves a widow and two children.

January 10, 1922, David Titus, miner, age 52 years, married, was killed in Consolidated Coal Company's No. 17 mine by a fall of clod. He leaves a widow.

January 23, 1922, James Sullivan, machine man, age 44 years, married, was killed by a fall of coal in St. Louis and O'Fallon Coal Company's No. 2 mine. He leaves a widow and two children.

February 20, 1922, Joseph Sandmeyer, miner, age 52 years, married, was killed in Southern Coal, Coke and Mining Company's No. 7 mine by a fall of rock. He leaves a widow and four children. Respectfully submitted,

JAMES R. RICHARDS, *Inspector.*

FATAL CASUALTIES, EIGHTH DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
Sept. 29	John Schwalb.....	41	Miner....	Freeburg.....	Glendale Coal Co....	.....	1	...	1	5	6	Falling slate
Oct. 22	Wm. F. Albrecht....	43	Miner....	Collinsville.....	St. Louis & O'Fallon C. Co....	2	1	...	1	1	2	Shot explosion
Oct. 28	Clemens Miller.....	40	Mch. run..	Collinsville.....	Consolidated Coal Co....	17	1	...	1	1	2	Falling slate
Nov. 15	Christ Grandoelas..	50	Miner....	Belleville.....	Groom Coal Co....	Beck.	1	...	1	4	5	Falling clod
Dec. 22	Rod. Johnson.....	36	Miner....	Beckemeyer.....	Breese-Trenton M. Co....	.....	1	...	1	2	3	Falling clod
1922												
Jan. 10	David Titus.....	52	Miner....	Collinsville.....	Consolidated Coal Co....	17	1	...	1	...	1	Falling clod
Jan. 23	James Sullivan.....	44	Mch. man..	Belleville.....	St. Louis & O'Fallon C. Co....	2	1	...	1	2	3	Falling coal
Feb. 20	Joseph Sandmeyer....	52	Miner....	Belleville.....	Southern C. C. & M. Co....	7	1	...	1	4	5	Falling rock

NON-FATAL ACCIDENTS, EIGHTH DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Aluminum Ore Co.	7	...	314	Blacksmiths.	2	1	130	Animals.	6	...	62
B. B. Coal Co.	3	...	100	Cager.	1	...	45	Cage.	2	...	53
Barton & Senior.	2	...	130	Carpenter.	1	...	33	Electricity.	4	...	57
Breese-Trenton Mining Co., Beck.	12	2	511	Drivers.	30	5	60	Falling roof and sides.	66	8	62
Breese-Trenton Mining Co., East.	7	...	252	Firemen.	2	1	45	Fall of person.	16	4	65
Consolidated Coal Co., No. 17.	23	3	1,666	Laborers.	15	2	56	Flying particles.	8	...	69
Consolidated Coal Co., Breese.	6	2	206	Loaders.	48	2	74	Hand tools.	4	...	67
Columbia Col. Co., Columbia.	2	...	114	Machinemen.	16	2	53	Lifting.	16	...	72
Eldnar Coal Co.	5	1	180	Mine manager.	1	...	70	Machinery.	2	1	50
Fallon Coal Co.	2	...	90	Miners.	98	26	56	Mining machine.	9	1	60
Golden Rule Coal Co.	5	1	554	Motormen.	2	1	36	Pit cars.	34	6	69
Groom Coal Co.	1	...	38	Shot firer.	1	...	30	Shot explosion.	1	1	...
Aloys Gundlach.	3	...	147	Spragger.	1	...	82	Struck by object.	21	2	55
Guest Coal Co.	2	2	...	Timbermen.	4	...	31	Miscellaneous.	23	9	39
Kolb Coal Co., No. 1.	1	...	56	Trackmen.	7	...	64	Not stated.	23	8	46
Kolb Coal Co., No. 2.	4	...	142	Trip riders.	6	...	68				
L. & N. Coal Co.	1	...	34								
Mulberry Hill Coal Co.	5	...	234								
New Marissa Coal Co.	7	...	500								
New National Coal & Mining Co.	4	1	293								
O. K. Coal Co.	11	5	257								
Perry Coal Co., Carbon.	5	2	131								
Perry Coal Co., Pitts.	2	1	30								
Perry Coal Co., St. Ellen.	18	7	419								
Perry Coal Co., Superior.	8	2	312								
Perry Coal Co., Taylor.	8	6	80								
Quality Coal Co.	2	...	109								
St. Louis & O'Fallon Coal Co., No. 1.	12	3	820								
St. Louis & O'Fallon Coal Co., No. 2.	37	2	2,239								
Southern C. C. & Mining Co., No. 1.	4	...	218								
Southern C. C. & Mining Co., No. 6.	1	...	96								
Southern C. C. & Mining Co., No. 7.	6	...	265								
Southern C. C. & Mining Co., No. 8.	5	...	355								
Southern C. C. & Mining Co., No. 9.	6	...	563								
Star Coal & Mining Co.	2	...	85								
Suburban Coal Co.	1	...	60								
Town Grove Coal Co.	3	...	147								
Victoria Coal Co.	2	...	77								
Total.	235	40	11,824		235	40	60		235	40	60

CLINTON

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
SHIPPING MINES								
1	Southern C. C. & M. Co., No. 9 .	New Baden .	223,306	135,868	66,919	.....	5,296	15,223
2	Breese-Trenton M. Co., Beck.	Beckemeyer.	152,973	121,346	16,388	.....	9,841	5,398
3	Breese-Trenton M. Co., E. M.	Breese	149,999	94,408	1,155	37,220	1,599	5,657
4	Breese-Trenton M. Co., N. M.	Breese	126,621	117,788	1,904	.....	721	6,208
5	Consolidated Coal Co., W. M.	Breese	94,889	90,040	.....	.....	1,359	3,490
Total			747,788	559,450	86,366	37,220	18,816	35,976

ST. CLAIR

SHIPPING MINES								
1	St. Louis & O'Fallon C. Co., No. 2	E. St. Louis	494,791	381,207	92,544	1,618	2,105	12,762
2	Consolidated Coal Co., No. 17	Collinsville	338,671	312,594	.....	.....	.....	13,140
3	Perry Coal Co., St. Ellen	O'Fallon	336,683	.....	332,831	1,082	250	2,520
4	Kolb Coal Co., No. 2	Mascoutah	224,689	223,079	.....	.....	.....	1,610
5	Eldmar Coal Co.	Belleville	223,333	220,833	.....	.....	.....	2,500
6	St. Louis & O'Fallon C. Co., No. 1	E. St. Louis	217,750	7,043	204,359	1,430	.....	3,918
7	Southern C. C. & M. Co., No. 8	Belleville	203,838	126,524	68,127	.....	642	8,545
8	Aluminum Ore Co.	Belleville	187,301	166,785	15,169	.....	.....	120
9	Egyptian Coal & Mining Co.	Marissa	161,481	157,809	.....	.....	.....	3,231
10	Southern C. C. & M. Co., No. 7	Belleville	151,843	98,818	46,502	.....	.....	6,523
11	Mulberry Hill Coal Co.	Freeburg	130,711	127,558	.....	.....	.....	1,224
12	O. K. Coal Co.	Marissa	121,399	114,145	1,417	.....	972	3,510
13	Perry Coal Co., Sup.	Belleville	120,423	115,343	.....	.....	170	2,210
14	B. B. Coal Co.	Belleville	120,117	117,230	.....	.....	2,887	.....
15	Quality Coal Mining Co.	Belleville	102,954	101,981	.....	.....	443	30
16	Perry Coal Co., Carbon	O'Fallon	102,610	95,720	.....	.....	3,240	3,650
17	Southern C. C. & M. Co., No. 6	Belleville	98,302	65,422	28,038	.....	2,012	2,830
18	Star Coal & Mining Co.	Freeburg	95,200	86,873	.....	.....	4,967	3,160
19	Victoria Coal Co.	Belleville	92,397	87,473	.....	.....	4,774	150
20	Groom Coal Co.	Belleville	84,532	34,051	21,988	26,468	540	1,285
21	Perry Coal Co., Taylor	O'Fallon	77,595	73,539	.....	.....	53	4,003
22	Southern C. C. & M. Co., No. 1	Belleville	70,873	44,056	18,881	.....	5,147	2,789
23	New Marissa Coal Co.	Marissa	64,131	53,044	5,310	.....	3,831	1,280
24	Kolb Coal Co., No. 1	Mascoutah	58,851	6,790	.....	40,776	9,827	1,458
25	Golden Rule Coal Co.	Lenzburg	56,535	46,840	5,215	.....	2,555	1,800
26	New National C. & M. Co.	Belleville	55,939	31,915	21,346	.....	740	1,938
27	Ell-Rich Mining Co.	Belleville	52,506	51,956	.....	.....	150	400
28	Kolb Coal Co., No. 3	New Athens	51,129	37,776	.....	12,445	.....	908
29	Glendale Coal & Mining Co.	Freeburg	51,111	49,200	.....	.....	1,261	650
30	Peoples Coal Co.	Caseville	50,403	44,226	.....	.....	2,577	3,600
31	General Coal & Mining Co.	Freeburg	43,503	41,995	.....	.....	75	960
32	Fallon Coal Mining Co.	O'Fallon	39,236	.....	33,150	.....	5,486	600
33	Aloys Gymalach	E. St. Louis	36,561	13,729	21,986	465	.....	273
34	Summit Coal & Mining Co.	Belleville	34,135	33,395	.....	.....	354	386
35	L. & N. Coal & Mining Co.	Rentchler	31,329	19,610	10,108	.....	542	1,069
36	Perry Coal Co., Pitt	Belleville	28,342	12,759	.....	.....	14,163	795
37	Jones Bros. C. & M. Co., No. 1	Marissa	26,197	20,861	.....	.....	3,136	2,200
38	Suburban Coal Co.	Belleville	23,820	23,128	.....	.....	62	630
39	Columbia Collieries Co., Col.	Belleville	19,892	19,038	.....	.....	184	670
40	Perry Coal Co., S. B.	Belleville	18,085	12,346	.....	.....	5,109	630
41	Guest Coal Co.	Belleville	12,779	11,975	.....	.....	54	750
42	Premier Coal Co.	Lebanon	11,444	5,722	.....	.....	5,722	.....
43	Columbia Collieries Co., N. L.	Lenzburg	11,375	10,289	.....	.....	726	360
44	Liberty Coal Co.	Rentchler	7,518	5,342	1,134	.....	.....	1,042
45	Abend Coal Co.	Belleville	6,164	5,737	.....	.....	307	120
46	Columbia Collieries Co., N. F.	Freeburg	5,699	5,105	.....	.....	346	248
47	Missouri & Illinois Coal Co.	Belleville	3,315	2,773	.....	.....	42	500
Total			4,557,492	3,323,634	928,105	84,284	85,451	102,977

COUNTY

Loss in preparing including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	Number
.....	407	80	2,019	.....	.....	20	7	.....	223,306	17	.....	6	1
.....	288	92	1,640	.....	.....	8	3	.....	152,973	16	1	12	2
9,960	212	135	1,848	.....	.....	6	6	.....	149,990	12	.....	7	3
.....	275	79	.....	.....	.....	17	2	.....	126,621	16	.....	.....	4
.....	160	94	1,507	1,300	.....	6	2	.....	94,889	12	.....	6	5
9,960	1,342	96	7,014	1,300	.....	57	20	.....	747,788	73	1	31	.....

COUNTY

4,555	549	156	4,882	.....	.....	25	9	.....	494,791	19	2	37	1
12,937	373	130	5,594	.....	.....	14	3	59,382	279,289	33	2	23	2
.....	390	147	12,944	.....	.....	.....	2	336,683	.....	25	.....	18	3
.....	298	118	10,809	.....	.....	.....	3	224,689	.....	14	.....	4	4
.....	269	200	7,448	.....	.....	.....	2	223,333	.....	10	.....	5	5
1,000	264	149	10,891	.....	.....	.....	3	217,750	.....	15	.....	12	6
.....	324	85	1,667	.....	.....	18	11	.....	203,838	3	.....	5	7
5,227	156	175	3,254	.....	.....	4	2	38,860	148,441	101	.....	7	8
441	245	121	2,956	.....	.....	10	2	40,370	121,111	13	.....	.....	9
.....	285	85	2,002	.....	.....	11	10	.....	151,843	3	1	6	10
1,929	177	102	4,007	.....	.....	4	3	105,566	25,145	11	.....	5	11
1,355	156	150	4,715	.....	.....	.....	2	121,399	.....	8	.....	11	12
2,700	142	154	1,083	.....	.....	10	1	2,705	117,718	10	.....	8	13
.....	154	146	3,908	225	.....	1	1	99,475	20,642	12	.....	3	14
500	100	133	4,036	.....	.....	.....	1	102,954	.....	7	.....	2	15
.....	145	106	12,181	.....	.....	7	2	.....	102,610	9	.....	5	16
.....	114	128	4,841	.....	.....	.....	.....	.....	.....	13	.....	1	17
200	145	119	3,173	65	.....	7	2	79,968	15,232	10	.....	2	18
.....	97	170	4,098	.....	.....	.....	1	92,397	.....	6	.....	2	19
200	86	193	3,073	.....	.....	.....	1	84,532	.....	4	1	1	20
.....	178	72	2,855	.....	.....	.....	2	77,595	.....	9	.....	8	21
.....	176	100	3,169	.....	.....	.....	2	70,873	.....	8	.....	4	22
666	110	111	2,589	.....	.....	.....	1	64,131	.....	6	.....	7	23
.....	85	228	2,870	.....	.....	.....	2	58,851	.....	6	.....	1	24
125	89	110	2,307	.....	.....	.....	1	56,535	.....	6	.....	5	25
.....	101	104	2,237	.....	.....	.....	.....	55,939	.....	9	.....	4	26
.....	89	78	2,000	.....	.....	.....	1	52,506	.....	6	.....	.....	27
.....	94	104	2,119	.....	.....	.....	1	51,129	.....	5	.....	.....	28
.....	84	109	2,015	.....	.....	.....	.....	51,111	.....	10	1	.....	29
.....	82	91	2,370	.....	.....	.....	.....	50,403	.....	9	.....	.....	30
473	72	122	1,869	.....	.....	.....	.....	43,503	.....	6	.....	.....	31
.....	106	134	5,293	.....	.....	.....	.....	20,236	19,000	6	.....	2	32
108	49	182	2,420	.....	.....	.....	.....	36,561	.....	4	.....	3	33
.....	70	85	1,550	.....	.....	.....	.....	34,135	.....	.....	.....	.....	34
.....	63	102	1,729	.....	.....	.....	.....	31,329	.....	4	.....	1	35
625	52	129	1,044	.....	.....	.....	.....	28,342	.....	4	.....	2	36
.....	85	70	1,049	100	.....	.....	.....	26,197	.....	7	.....	.....	37
.....	92	53	176	.....	.....	.....	.....	23,820	.....	10	.....	.....	38
147	33	845	.....	.....	.....	.....	1	19,892	.....	10	.....	2	39
.....	45	101	722	.....	.....	.....	.....	18,085	.....	3	.....	.....	40
.....	95	150	1,000	.....	.....	.....	.....	12,779	.....	.....	.....	.....	41
.....	51	106	661	.....	.....	.....	.....	11,444	.....	3	.....	.....	42
.....	66	33	482	.....	.....	.....	.....	11,375	.....	7	.....	.....	43
.....	73	18	93	.....	.....	6	.....	.....	7,518	11	.....	.....	44
.....	34	43	213	.....	.....	.....	.....	6,164	.....	4	.....	.....	45
.....	37	29	205	.....	.....	.....	.....	5,699	.....	5	.....	.....	46
.....	74	17	191	.....	.....	.....	.....	3,315	.....	12	.....	.....	47
33,041	6,738	112	151,635	390	.....	117	72	2,850,314	1,707,178	496	7	199	.....

ST. CLAIR

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
	LOCAL MINES							
1	Patterson & Harding.....	Belleville...	20,300				17,000	3,300
2	White Rose Mining Co.....	Belleville...	19,140				18,746	394
3	West Belleville Coal Co.....	Belleville...	18,595				18,595	
4	Highland Coal Co.....	Belleville...	18,370				18,370	
5	R. Schramm & Son.....	Belleville...	17,777				17,277	500
6	Tower Grove Coal Co.....	Belleville...	13,611				12,911	700
7	Signal Hill Coal Co.....	E. St. Louis.	13,443				13,443	
8	Pep Coal Co.....	New Athens.	11,260				11,047	213
	11 mines producing less than 10,000 tons each.....		35,666				34,408	1,258
	Total.....		168,162				161,797	6,365
	Total, all mines.....		4,725,654	3,323,634	928,105	84,284	247,248	109,342

COUNTY—concluded

Loss in pre- paring includ- ing coal not sold	Total em- ploy- ees	Days of active opera- tion	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mo- tors, num- ber in use	Tons mined		Num- ber ani- mals under- ground	Accidents		Number
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By machine		Kill- ed	In- jured	
.....	21	200	800	.....	.....	.....	.....	20,300	.....	.....	.....	.....	1
.....	21	210	785	.....	.....	.....	.....	19,140	.....	.....	.....	.....	2
.....	37	216	.....	.....	.....	.....	.....	18,595	.....	.....	.....	.....	3
.....	40	210	967	.....	.....	.....	.....	18,370	.....	.....	.....	.....	4
.....	26	188	680	.....	.....	.....	.....	17,777	.....	.....	.....	.....	5
.....	20	160	550	.....	.....	.....	.....	13,611	.....	.....	.....	.....	6
.....	18	105	67	.....	.....	.....	.....	13,443	.....	.....	.....	.....	7
.....	9	290	431	.....	.....	.....	.....	11,260	.....	.....	.....	.....	8
.....	74	133	1,497	.....	.....	.....	.....	35,666	.....	.....	.....	.....	2
.....	266	160	5,777	.....	.....	.....	.....	168,162	.....	.....	.....	.....	5
33,041	7,004	126	157,412	390	.....	117	72	3,018,476	1,707,178	496	7	204	

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in pre-paring and not sold June 30	
Clinton.....	5	747,788	559,450	86,366	37,220	18,816	35,976	9,960	29,924
St. Clair.....	47	4,557,492	3,323,634	928,105	84,284	85,451	102,977	33,041	122,708
Total.....	52	5,305,280	3,883,084	1,014,471	121,504	104,267	138,953	43,001	152,632

LOCAL MINES, RECAPITULATION

St. Clair.....	19	168,162	161,797	6,365
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ALL MINES, RECAPITULATION

Clinton.....	5	747,788	559,450	86,366	37,220	18,816	35,976	9,960	29,924
St. Clair.....	66	4,725,654	3,323,634	928,105	84,284	247,248	109,342	33,041	122,708
Total.....	71	5,473,442	3,883,084	1,014,471	121,504	266,064	145,318	43,001	152,632

BY COUNTIES, EIGHTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals under ground	Accidents	
Under ground	On surface	Total	Kcgs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
1,218	124	1,342	7,014	1,300	.....	96	57	.....	747,788	20	73	1	31
6,125	613	6,738	151,635	390	.....	112	117	2,850,314	1,707,178	72	496	7	199
7,343	737	8,080	158,649	1,690	111	174	2,850,314	2,454,966	92	569	8	230

BY COUNTIES, EIGHTH DISTRICT

238	28	266	5,777	160	168,162	5
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BY COUNTIES, EIGHTH DISTRICT

1,218	124	1,342	7,014	1,300	96	57	747,788	20	73	1	31
6,363	641	7,004	157,412	390	126	117	3,018,476	1,707,178	72	496	7	204
7,581	765	8,346	164,426	1,690	.....	124	174	3,018,476	2,454,966	92	569	8	235

NINTH INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Ninth Inspection District, comprising the coal producing counties of Jackson, Perry, Randolph, and Washington.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	4
Number of shipping mines.....	39
Number of local mines.....	39
Number of employees underground.....	7,277
Number of employees on surface.....	940
Total number of employees.....	8,217
Total tons of coal produced.....	5,373,660
Days of active operation, shipping mines, average.....	127
Days of active operation, local mines, average.....	135
Number of fatal accidents.....	9
Number of non-fatal accidents.....	355
Number of employees to each fatal accident.....	913
Number of employees to each non-fatal accident.....	23.1
Tons of coal produced to each fatal accident.....	597,073
Tons of coal produced to each non-fatal accident.....	15,137
Ratio of fatal accidents per 1,000 employees.....	1.1

NEW MINES

Jackson Peacock Coal Company, DeSoto, operated during the past year as a shipping mine. The Wilson Coal and Mining Company have opened and operated a mine at Cutler, Perry County.

CHANGE OF NAME

Aladdin Coal & Mining Company No. 2 mine has been changed to Southern Gem Coal Corporation No. 10, and the No. 3 mine to Tamaroa-Little Muddy Coal Company.

MINES NOT OPERATED

Aladdin Coal Co. No. 1 mine, Cutler; Kanawha Fuel Co., DuQuoin; Illinois Sixth Vein Coal Co., Pinckneyville; Loudon Coal Mining Co., Pinckneyville.

FATAL ACCIDENTS

September 8, 1921, Henry Grabawski, trapper, age 17 years, single, was killed by motor in Centralia Coal Company's mine.

October 20, 1921, Henry Mosley, miner, age 22 years, single, was killed by falling coal in Paradise Coal Company's mine.

November 5, 1921, Harold Short, loader, age 23 years, married, was killed in Willis Coal and Mining Company's No. 8 mine by a fall of slate. He leaves a widow and two children.

November 15, 1921, G. B. Barnett, miner, age 61 years, married, was instantly killed by a fall of coal in Equitable Coal Company's mine. He leaves a widow and one child.

December 16, 1921, Frank Linkus, miner, age 19 years, single, was killed by a shot explosion in Jones Brothers Coal and Mining Company's No. 2 mine.

January 18, 1922, Ora Tucker, pumpman, age 34 years, married, was suffocated in Midway Coal and Mining Company's mine. He leaves a widow and four children.

February 14, 1922, William O. Franklin, miner, age 42 years, single, was killed in Madison Coal Corporation's Crystal mine by a fall of rock.

February 20, 1922, Edson Kirkpatrick, driver, age 24 years, single, was caught between pit car and pillar and killed instantly in Jewel Coal and Mining Company's No. 1 mine. He leaves his mother dependent.

February 22, 1922, Joseph Venegonia, laborer, age 17 years, single, was run over and killed by a pit car in Consolidated Coal Company's mine No. 10.

Respectfully submitted,

FRANK ROSBOTTOM, *Inspector.*

FATAL CASUALTIES, NINTH DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
Sept. 8	Henry Grabowski...	17	Trapper	Centralia...	Centralia Coal Co.	5	...	1	...	...	...	Motor
Oct. 20	Henry Mosley...	22	Miner	DuQuoin...	Paradise Coal Co.	...	...	1	...	...	...	Falling coal
Nov. 15	Harold Short...	23	Loader	Willisville...	Willis Coal M. Co.	8	1	...	1	2	3	Falling slate
Nov. 15	G. B. Burnett...	61	Miner	DuQuoin...	Equitable C. & C. Co.	Maj.	1	...	1	1	2	Falling coal
Dec. 16	Frank Linkus...	19	Miner	Tilden...	Jones Bros. Coal Co.	2	...	1	...	...	...	Shot explosion
1922												
Jan. 18	Ora Tucker...	34	Laborer	Ward...	Midway C. & M. Co.	Ward	1	...	1	4	5	Suffocation
Feb. 14	Wm. O. Franklin...	42	Miner	Tilden...	Madison Coal Corp.	Crystal	...	1	...	...	...	Falling rock
Feb. 20	Edson Kirkpatrick...	24	Driver	DuQuoin...	Jewell Coal & M. Co.	1	...	1	...	...	1	Pit car
Feb. 22	Joseph Venegonia...	17	Laborer	Murphysboro...	Consolidated Coal Co.	10	...	1	...	...	...	Pit car

NON-FATAL ACCIDENTS, NINTH DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Bailey Bros.....	3		110	Blacksmiths.....	2		49	Animals.....	2		86
Centralia Coal Co., No. 5.....	79	14	3,001	Cagers.....	3		61	Cage.....	2		43
Columbia Col. Co.....	3		134	Carpenter.....	1		73	Electricity.....	9	2	68
Consolidated Coal Co., No. 10.....	7		519	Drivers.....	28	3	65	Falling roof and sides.....	105	17	58
Equitable Coal Co.....	23	5	817	Foremen.....	2		55	Fall of person.....	17	4	55
Gartside Coal Co.....	6	1	401	Laborers.....	37	5	73	Gas explosion.....	1		40
Illinois Fuel Co., No. 4.....	5		165	Loaders.....	78	14	52	Hand tools.....	13		48
Jackson Coal Co.....	15		825	Machinemen.....	33	2	65	Machinery.....	1		60
Jewel Coal Co., No. 1.....	11	1	506	Miners.....	116	19	52	Mining machine.....	17	3	69
Jewel Coal Co., No. 2.....	3		209	Motormen.....	11	4	65	Pit cars.....	114	17	62
Jones Bros. Coal Co., No. 2.....	9	1	379	Shot firers.....	4	1	40	Railroad cars.....	1		60
Madison Coal Corp., Crystal.....	12		722	Spraggers.....	3	1	68	Shot explosion.....	4	1	38
Midway Coal Mining Co.....	1		60	Timbermen.....	7	2	54	Struck by objects.....	22	1	53
Moffat Coal Co.....	5		463	Trackmen.....	4		46	Miscellaneous.....	10	4	59
Nashville Mining Co.....	1		36	Trappers.....	4	1	78	Not stated.....	37	6	59
Paradise Coal Co.....	23		1,459	Trip riders.....	22	3	58				
Perry Coal Co., Perco.....	28	9	970								
Randolph Co. Coal Co.....	3	1	95								
St. Louis Coal Co.....	5	2	255								
Security Coal Co.....	28	10	984								
Southern Gem Coal Corp., No. 5.....	16	5	815								
Southern Gem Coal Corp., No. 7.....	3		196								
Southern Gem Coal Corp., No. 10.....	5		300								
Union Col. Co., Kathleen.....	12	1	772								
Victory Coal & Mining Co.....	3		183								
Victory Col. Co., No. 1.....	8	1	388								
Western United Gas C. Co.....	2		161								
Willis Coal Mining Co., No. 1.....	8	2	245								
Willis Coal Mining Co., No. 6.....	17		1,373								
Willis Coal Mining Co., No. 8.....	11	2	572								
Total.....	355	55	17,115		355	55	57		355	55	57

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
SHIPPING MINES								
1	Union Colliery Co., Kath....	Dowell....	381,973	374,846	1,158	.....	2,605	920
2	Jackson Coal Co.	Hallidayboro	182,328	167,757	.....	.....	3,792	7,900
3	Consolidated Coal Co., No. 10	Murphysboro	117,392	106,787	.....	.....	3,094	7,511
4	Consolidated Coal Co., No. 9	Murphysboro	106,351	101,255	.....	.....	.....	5,096
5	Western United Gas C. Co., 2	Murphysboro	70,744	68,569	.....	.....	990	1,185
6	Gartside Coal Co., No. 4....	Murphysboro	52,841	31,305	.....	.....	15,480	6,056
7	Midway Coal M. Co., Ward.	DeSoto....	18,678	15,753	.....	.....	358	2,546
8	Jackson-Peacock Coal Co....	DeSoto....	9,195	8,195	.....	.....	1,000	.....
9	Doran Coal Co.	Herrin.....	1,500	1,400	.....	.....	.....	100
Total.....			941,002	875,867	1,158	.....	27,316	31,314
LOCAL MINES								
1	E. H. Birkner.....	Oraville....	11,410	.....	.....	.....	11,410	.....
18 mines producing less than 10,000 tons each.....			40,828	.....	.....	.....	39,837	991
Total.....			52,238	.....	.....	.....	51,247	991
Total, all mines.....			993,240	875,867	1,158	.....	78,566	32,305

PERRY

SHIPPING MINE								
1	Equitable C. & C. Co., Maj.	DuQuoin...	378,004	366,824	.....	.....	2,146	9,034
2	Paradise Coal Co.	DuQuoin...	326,437	234,735	35,041	36,302	3,324	15,000
3	Security Coal & Mining Co.	DuQuoin...	214,933	192,436	7,643	.....	1,249	12,780
4	Southern Gem C. Corp., No. 5	Pinckneyville	170,032	80,269	78,571	.....	4,442	6,750
5	Jewel Coal & M. Co., No. 1.	DuQuoin...	157,129	122,447	20,000	.....	6,307	6,000
6	Willis Coal & M. Co., No. 8.	Willisville...	135,079	4,808	123,866	.....	1,855	1,500
7	Willis Coal & M. Co., No. 1.	Willisville...	114,159	10,893	85,211	.....	2,225	13,090
8	Southern Gem C. Corp., No. 7	Cutler.....	89,549	85,700	1,133	.....	466	2,250
9	Scott-Smith & Co.	DuQuoin...	82,556	80,806	.....	.....	.....	1,750
10	Victory Collieries Co., No. 1.	Tamaroa....	79,178	70,997	3,796	.....	2,338	2,047
11	Southern Gem C. Corp. No. 10	Cutler.....	76,164	70,212	3,965	.....	754	921
12	Columbia Collieries Co., B.E.	Creig.....	75,628	72,388	.....	.....	1,240	2,000
13	Jewel Coal Co., No. 2.....	DuQuoin...	63,174	30,172	30,000	.....	.....	3,002
14	Victory Coal & M. Co., Vic.	DuQuoin...	48,687	46,187	.....	.....	.....	2,500
15	Bailey Bros Coal Co., No. 1.	DuQuoin...	24,807	17,879	1,814	.....	4,636	360
16	Tamaroa-LittleMuddy C. Co.	Tamaroa....	15,930	4,898	8,543	.....	1,802	270
17	Wilson Coal & Mining Co....	Cutler.....	6,367	6,050	.....	.....	.....	317
Total			2,057,813	1,497,701	399,583	36,302	32,784	79,571
LOCAL MINES								
12 mines producing less than 10,000 tons each.....			13,634	.....	.....	.....	13,248	386
Total, all mines			2,071,447	1,497,701	399,583	36,302	46,032	79,957

COUNTY

Loss in pre-paring includ- ing coal not sold	Total em- ploy- ees	Days of active operation	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mo- tors, num- ber in use	Tons mined		Number animals under- ground	Accidents		Number
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By machine		Kill- ed	In- jured	
2,444	545	121	.....	.....	70,675	22	16	.....	381,973	.....	.....	12	1
2,879	379	95	4,877	.....	11,500	7	6	118,169	64,159	23	.....	15	2
.....	123	198	.....	924	.....	4	2	.....	117,392	7	1	7	3
.....	240	108	1,059	.....	.....	7	3	.....	106,351	19	.....	.....	4
.....	91	207	548	.....	.....	3	2	788	69,956	6	.....	2	5
.....	100	167	537	.....	.....	7	.....	3,063	49,778	15	.....	6	6
21	113	46	831	.....	.....	.....	.....	18,678	.....	6	1	1	7
.....	9	196	.....	.....	.....	.....	.....	9,195	.....	.....	.....	.....	8
.....	9	60	70	.....	.....	.....	.....	1,500	.....	.....	.....	.....	9
5,344	1,617	133	8,846	.....	82,175	50	29	151,393	789,609	76	2	43	.....
.....	11	190	.....	.....	.....	.....	.....	11,410	.....	.....	.....	.....	1
.....	97	146	2,736	.....	.....	.....	.....	40,828	.....	.....	.....	.....	.....
.....	108	148	2,736	.....	.....	.....	.....	52,238	.....	.....	.....	.....	.....
5,344	1,725	143	11,582	.....	82,175	50	29	203,631	789,609	76	2	43	.....

COUNTY

.....	502	132	1,635	.....	52,600	18	10	76,573	301,431	21	1	23	1
2,035	515	143	4,333	.....	.....	15	10	132,113	194,324	30	1	23	2
825	418	91	2,615	.....	.....	15	20	.....	214,933	4	.....	28	3
.....	292	178	.....	.....	.....	.....	2	170,032	.....	18	.....	16	4
2,375	210	157	3,143	.....	.....	3	1	87,129	70,000	19	1	11	5
3,050	231	128	1,416	.....	.....	12	3	.....	135,079	14	1	11	6
2,740	173	158	1,341	.....	.....	7	3	.....	114,159	9	.....	8	7
.....	100	179	4,173	.....	.....	.....	.....	89,549	.....	7	.....	3	8
.....	40	123	.....	.....	.....	.....	.....	82,556	.....	.....	.....	.....	9
.....	135	105	2,920	.....	.....	5	1	54,081	25,097	6	.....	8	10
312	161	85	3,205	.....	.....	2	.....	72,084	4,080	14	.....	5	11
.....	155	106	3,326	.....	.....	.....	.....	75,628	.....	13	.....	3	12
.....	130	130	1,055	.....	.....	11	.....	.....	63,174	10	.....	3	13
.....	88	118	973	.....	.....	3	.....	.....	48,687	8	.....	3	14
118	65	156	545	.....	.....	2	1	.....	24,807	5	.....	3	15
417	90	52	640	.....	.....	.....	.....	15,930	.....	9	.....	16	.....
.....	12	76	336	.....	.....	.....	.....	6,367	.....	1	.....	17	.....
11,872	3,317	125	31,656	.....	52,600	93	51	862,042	1,195,771	181	4	148	.....
.....	49	112	509	.....	.....	.....	.....	13,634	.....	.....	.....	.....	.....
11,872	3,366	119	32,165	.....	52,600	93	51	875,676	1,195,771	181	4	148	.....

RANDOLPH

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
SHIPPING MINES								
1	Moffat Coal Co., No. 1.....	Sparta.....	396,644	18,551	371,835	.....	.....	6,258
2	Willis Coal & M. Co., No. 6..	Percy.....	277,924	42,905	186,439	.....	1,265	44,531
3	Madison Coal Corp., Crystal.	Tilden.....	256,232	.....	248,487	.....	2,849	4,896
4	Illinois Fuel Co., No. 4.....	Sparta.....	163,993	35,174	122,271	.....	.....	5,408
5	Perry Coal Co., P. M.....	Coulterville..	161,601	157,296	.....	.....	1,605	2,700
6	St. Louis Coal Co.....	Coulterville..	109,012	105,387	.....	.....	750	1,875
7	Jones Bros C. & M. Co., No. 2	Tilden.....	104,242	97,400	.....	.....	3,242	3,600
8	Randolph Co. Coal Co., No. 2	Coulterville..	53,467	50,045	.....	.....	1,988	1,434
9	Willis Coal & M. Co., No. 9..	Percy.....	26,474	10,902	14,792	.....	368	412
10	Willis Coal & M. Co., No. 7..	Sparta.....	1,706	542	.....	.....	.....	1,164
Total.....			1,551,295	518,202	943,824	.....	12,067	72,278
LOCAL MINES								
1	Geo. F. Wilson.....	Sparta.....	16,779	.....	.....	.....	16,439	340
2	Thomas Campbell.....	Sparta.....	11,353	.....	.....	.....	10,729	624
3 mines producing less than 10,000 tons each.....			13,804	.....	.....	.....	13,804	.....
Total.....			41,936	.....	.....	.....	40,972	964
Total, all mines.....			1,593,231	518,202	943,824	.....	53,039	73,242

WASHINGTON

SHIPPING MINES								
1	Centralia Coal Co., No. 5....	Centralia...	669,017	12,190	645,179	.....	.....	11,648
2	Nashville Mining Co.....	Nashville...	39,400	12,000	.....	15,000	10,900	1,500
3	Kuhn Col. Co.....	DuBois.....	2,905	1,250	.....	.....	1,335	320
Total.....			711,322	25,440	645,179	15,000	12,235	13,468
LOCAL MINES								
3 mines producing less than 10,000 tons each.....			4,420	.....	.....	.....	4,085	335
Total, all mines.....			715,742	25,440	645,179	15,000	16,320	13,803

COUNTY

Loss in preparing including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
.....	289	153	7,000	.....	.....	20	4	.....	396,644	35	.....	5	1
2,784	338	167	3,532	.....	.....	15	4	.....	277,924	19	.....	17	2
.....	415	141	2,460	.....	.....	13	2	.....	256,232	23	1	12	3
1,140	224	149	2,330	.....	.....	9	2	.....	163,993	17	.....	5	4
.....	302	122	3,180	.....	.....	8	2	.....	39,341	15	.....	28	5
1,000	204	143	5,176	.....	.....	1	1	109,012	.....	13	.....	5	6
.....	157	140	4,384	.....	.....	2	2	104,242	.....	8	1	9	7
.....	103	121	2,426	.....	.....	2	2	53,467	.....	6	.....	3	8
.....	91	72	368	.....	.....	3	3	.....	26,471	3	.....	.....	9
.....	97	15	.....	.....	.....	6	1	.....	1,706	3	.....	.....	10
4,924	2,220	122	30,856	.....	.....	74	23	306,062	1,245,233	142	2	84	.....
.....	12	120	860	.....	.....	.....	.....	16,779	.....	.....	.....	.....	1
.....	12	208	325	.....	.....	.....	.....	11,353	.....	.....	.....	.....	2
.....	18	172	633	.....	.....	.....	.....	13,804	.....	.....	.....	.....	.....
.....	42	169	1,818	.....	.....	.....	.....	41,936	.....	.....	.....	.....	.....
4,924	2,262	138	32,674	.....	.....	74	23	347,998	1,245,233	142	2	84	.....

COUNTY

.....	718	224	19,000	.....	.....	13	20	345,517	323,500	.....	1	79	1
.....	67	166	390	.....	.....	2	.....	.....	39,400	4	.....	1	2
.....	58	17	81	.....	.....	.....	.....	2,905	.....	5	.....	.....	3
.....	843	136	19,471	.....	.....	15	20	348,422	362,900	9	1	80	.....
.....	21	83	166	.....	.....	.....	.....	4,420	.....	.....	.....	.....	.....
.....	864	109	19,637	.....	.....	15	20	352,842	362,900	9	1	80	.....

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in preparing and not sold June 30	
Jackson.....	9	941,002	875,867	1,158	.....	27,319	31,314	5,344	.....
Perry.....	17	2,057,813	1,497,701	399,583	36,302	32,784	79,571	11,872	.....
Randolph.....	10	1,551,295	518,202	943,824	.....	12,067	72,278	4,924	.....
Washington.....	3	711,322	25,440	645,179	15,000	12,235	13,468	.....	.....
Total.....	39	5,261,432	2,917,210	1,989,744	51,302	84,405	196,631	22,140	.....

LOCAL MINES, RECAPITULATION

Jackson.....	19	52,238	.....	.....	.....	51,247	991	.....	.....
Perry.....	12	13,634	.....	.....	.....	13,248	386	.....	.....
Randolph.....	5	41,936	.....	.....	.....	40,972	964	.....	.....
Washington.....	3	4,420	.....	.....	.....	4,085	335	.....	.....
Total.....	39	112,228	.....	.....	.....	109,552	2,676	.....	.....

ALL MINES, RECAPITULATION

Jackson.....	28	993,240	875,867	1,158	.....	78,566	32,305	5,344	.....
Perry.....	29	2,071,447	1,497,701	399,583	36,302	46,032	79,957	11,872	.....
Randolph.....	15	1,593,231	518,202	943,824	.....	53,039	73,242	4,924	.....
Washington.....	6	715,742	25,440	645,179	15,000	16,320	13,803	.....	.....
Total.....	78	5,373,660	2,917,210	1,989,744	51,302	193,957	199,307	22,140	.....

BY COUNTIES, NINTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals under ground of	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
1,413	204	1,617	8,846	.....	82,175	133	50	151,393	789,609	29	77	2	43
2,916	401	3,317	31,656	.....	52,600	125	93	862,042	1,195,771	51	181	4	148
2,023	197	2,220	30,856	.....	.....	122	74	306,062	1,245,233	23	142	2	84
778	65	843	19,471	.....	.....	136	15	348,422	362,900	20	18	1	80
7,130	867	7,997	90,829	.....	134,775	127	232	1,667,919	3,593,513	123	418	9	355

BY COUNTIES, NINTH DISTRICT

86	22	108	2,736	.....	.....	148	.....	52,238	.....	.....	.....	.....	.....
31	18	49	509	.....	.....	112	.....	13,634	.....	.....	.....	.....	.....
32	10	42	1,818	.....	.....	169	.....	41,936	.....	.....	.....	.....	.....
11	10	21	166	.....	.....	83	.....	4,420	.....	.....	.....	.....	.....
160	60	220	5,229	.....	.....	135	.....	112,228	.....	.....	.....	.....	.....

BY COUNTIES, NINTH DISTRICT

1,499	226	1,725	11,582	.....	82,175	143	50	203,631	789,609	29	77	2	43
2,947	419	3,366	32,165	.....	52,600	119	93	875,676	1,195,771	51	181	4	148
2,055	207	2,262	32,674	.....	.....	138	74	347,992	1,245,233	23	142	2	84
785	75	860	19,637	.....	.....	106	15	352,842	362,900	20	18	1	80
7,290	921	8,211	96,058	.....	134,775	131	237	1,780,147	3,593,513	123	418	9	355

TENTH INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Tenth Inspection District, comprising the coal producing county of Franklin.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	1
Number of shipping mines.....	25
Number of local mines.....	.....
Number of employees underground.....	12,855
Number of employees on surface.....	1,985
Total number of employees.....	14,840
Total tons of coal produced.....	9,999,917
Days of active operation, shipping mines.....	123
Days of active operation, local mines.....	.....
Number of fatal accidents.....	27
Number of non-fatal accidents.....	678
Number of employees to each fatal accident.....	550
Number of employees to each non-fatal accident.....	21.9
Tons of coal produced to each fatal accident.....	370,367
Tons of coal produced to each non-fatal accident.....	14,749
Ratio of fatal accidents per 1,000 employees.....	1.82

The Franklin Coal & Coke Company's No. 1 mine has not been in operation during the past year.

FATAL ACCIDENTS

July 8, 1921, Walter Ganclouski, loader, age 35 years, married, was electrocuted by coming in contact with a trolley wire in Southern Gem Coal Corporation's No. 1 mine. He leaves a widow and three children.

July 28, 1921, Roy Smith, motorman, age 26 years, married, was killed by being run over by a motor in Chicago, Wilmington and Franklin Coal Company's Orient mine. He leaves a widow and one child.

August 14, 1921, Harry Rich, assistant night boss, age 35 years, married, was killed in Old Ben Coal Corporation's No. 9 mine by falling rock. He leaves a widow and three children.

September 2, 1921, Milas Carlisle, laborer, age 34 years, married, fell between railroad cars and was killed at Chicago, Wilmington and Franklin Coal Company's Orient mine. He leaves a widow and three children.

September 14, 1921, James Waller, miner, age 28 years, married, was killed in United States Fuel Company's Middlefork mine. Deceased was moving his tools to another place and was riding on a car, the car jumped the track, knocking out timbers and allowing rock to fall on him. He leaves a widow and one child.

September 15, 1921, Tony Masnos, loader, age 28 years, single, was killed by a fall of coal and rock in Old Ben Coal Corporation's No. 14 mine. He leaves his father and mother dependent.

September 26, 1921, George Morris, laborer, age 63 years, married, was struck by a steam valve and killed in Benton Coal Mining Company's No. 2 mine. He leaves a widow.

September 28, 1921, Stanley Grezulis, trip rider, age 19 years, single, was run over by pit cars and killed in Chicago, Wilmington and Franklin Coal Company's Orient mine.

October 1, 1921, Joe Domick, miner, age 54 years, married, was killed in Old Ben Coal Corporation's No. 16 mine by a fall of rock. He leaves a widow and two children.

October 10, 1921, Walter Kewalla, loader, age 28 years, single, came in contact with the trolley wire and was electrocuted in Chicago, Wilmington and Franklin Coal Company's Orient mine.

October 13, 1921, Riley Hall, machineman, age 34 years, married, was killed by falling coal in Bell and Zollar Mining Company's No. 1 mine. He leaves a widow and five children.

October 22, 1921, Arris Ganis, miner, age 46 years, married, was instantly killed by coming in contact with trolley wire in Old Ben Coal Corporation's No. 16 mine. He leaves a widow and two children.

November 14, 1921, John Wieslka, trip rider, age 32 years, married, was crushed to death between motor and coal rib in Bell and Zollar Mining Company's No. 1 mine. He leaves a widow.

December 7, 1921, Andy Pich, loader, age 35 years, widower, was killed by a fall of coal in Bell and Zollar Mining Company's No. 1 mine. He leaves five children.

December 13, 1921, Joe Paskavich, trapper, age 16 years, single, was run over and killed by a motor in Valier Coal Company's mine.

December 22, 1921, Robert Burnett, trip rider, age 21 years, single, was crushed to death between car and rib in Bell and Zollar Mining Company's No. 1 mine. He leaves his father and mother dependent.

December 24, 1921, Roscoe Harris, night boss, age 35 years, died from effects of injuries received the day before by a motor running onto him in Benton Coal Mining Company's No. 1 mine. He leaves a widow and three children.

January 6, 1922, Dan Krainovick, miner, age 25 years, single, was killed by falling coal in Bell and Zollar Mining Company's mine No. 1.

January 14, 1922, Costine Gozdek, miner, age 49 years, married, died from injuries received the day before in Franklin Coal and Coke Company's No. 1 mine by a pit car. The exact way the injury was received is not known. He leaves a widow and one child.

January 21, 1922, Valentine Hofshaur, miner, age 41 years, married, was killed by a fall of rock in Chicago, Wilmington and Franklin Coal Company's Orient mine. He leaves a widow and four children.

February 3, 1922, Mike Donham, driver, age 39 years, single, died from being crushed between mule and car in Benton Coal Company's No. 1 mine three days previous. He leaves his mother dependent.

February 9, 1922, Harold Moore, trip rider, age 21 years, single, died from injuries sustained two days before in Benton Coal Mining Company's No. 1 mine. Deceased was making a flying coupling when he was caught between two cars.

February 13, 1922, George Zizich, miner, age 38 years, single, was killed in Old Ben Coal Corporation's No. 11 mine by falling coal.

February 27, 1922, George Tippling, motorman, age 21 years, single, was killed in Benton Coal Company's No. 1 mine when the motor on which he was riding collided with another one.

February 28, 1922, Thomas Cramer, miner, age 33 years, married, died from injuries sustained the day before in Old Ben Coal Corporation's No. 9 mine. Deceased was taking down top coal when it gave way and in falling struck the handle of his pick, driving it through his stomach and completely severing the small intestine. He leaves a widow and one child.

March 11, 1922, Sherman Parker, laborer, age 33 years, married, was killed by pit cars in Old Ben Coal Corporation's No. 14 mine. He leaves a widow.

March 18, 1922, Howard Phegley, machine helper, age 35 years, married, was electrocuted in United States Fuel Company's Middlefork mine. He leaves a widow and two children.

Respectfully submitted,

E. J. HOEY, *Inspector.*

FATAL CASUALTIES, TENTH DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. of letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
July 8	Walter Gancloouski	35	Loader	West Frankfort	Southern Gem C. Corp.	1	1			3	4	Electrocuted
July 28	Roy Smith	26	Motorman	West Frankfort	Chi., W. & F. C. Co.	1	1		1	1	2	Motor
Aug. 14	Harry Rich	35	Night boss	Frankfort Heights	Old Ben Coal Corp.	1	1		1	1	4	Falling rock
Sept. 2	Milas Carlisle	34	Laborer	West Frankfort	Chi., W. & F. C. Co.	1	1		1	3	4	R. R. cars
Sept. 14	James Waller	28	Miner	Benton	U. S. Fuel Co.		1	1	1	1	2	Falling rock
Sept. 15	Tony Masnos	38	Loader	Buckner	Old Ben Coal Corp.	14	1		1	1	2	Falling coal
Sept. 26	George Morris	63	Laborer	Benton	Benton C. M. Co.	12	1		1	1	1	Struck by valve
Sept. 28	Stanley Grezulis	19	Trip rider	West Frankfort	Chi., W. & F. C. Co.	1	1		1	1	3	Falling rock
Oct. 1	Joe Domick	54	Miner	Sesser	Old Ben Coal Corp.	16	1		1	2	3	Electrocuted
Oct. 10	Walter Kewalla	28	Loader	West Frankfort	Chi., W. & F. C. Co.	1	1		1	5	6	Falling coal
Oct. 13	Riley Hall	34	Mch. man	Zeigler	Bell & Zollar Coal Co.	1	1		1	2	3	Electrocuted
Oct. 22	Arris Ganis	46	Miner	Sesser	Old Ben Coal Corp.	16	1		1	1	1	Motor
Nov. 17	John Wieska	32	Trip rider	Zeigler	Bell & Zollar M. Co.	1	1		1	5	5	Falling coal
Dec. 7	Andy Pich	35	Loader	Zeigler	Bell & Zollar M. Co.	1	1		1	1	2	Motor
Dec. 13	Joe Paskavich, Jr.	16	Trapper	Zeigler	Valier Coal Co.	1	1		1	1	2	Pit car
Dec. 22	Robert Burnett	21	Trip rider	Zeigler	Bell & Zollar M. Co.	1	1		1	3	4	Motor
Dec. 24	Roscoe Harris	35	Night boss	Herrin	Benton Coal M. Co.	1	1		1	1	3	Falling coal
1922												
Jan. 6	Dan Krainovich	25	Miner	Zeigler	Bell & Zollar M. Co.	1	1		1	1	2	Pit car
Jan. 14	Costine Gozdek	49	Miner	Royalton	Franklin C. & C. Co.	1	1		1	4	5	Falling rock
Jan. 21	Valentine Hoshaur	41	Miner	Owent	Chi. W. & F. C. Co.	1	1		1	1	1	Pit car
Feb. 3	Mike Donham	39	Driver	Benton	Benton Coal M. Co.	1	1		1	1	1	Pit car
Feb. 9	Harold Moore	21	Trip rider	Benton	Benton Coal M. Co.	1	1		1	1	1	Falling coal
Feb. 27	George Zinch	38	Miner	Cecilo	Old Ben Coal Corp.	11	1		1	1	1	Motor
Feb. 27	George Typpling	21	Motorman	Benton	Benton Coal M. Co.	9	1		1	1	2	Pick handle
Feb. 28	Thomas Cranner	33	Miner	Frankfort Heights	Old Ben Coal Corp.	14	1		1	1	1	Pit car
Mar. 11	Sherman Parker	33	Laborer	Buckner	Old Ben Coal Corp.	14	1		1	1	1	Electrocuted
Mar. 18	Howard Flegley	35	Mch. helper	Benton	U. S. Fuel Co.	1	1		1	2	3	Electrocuted

NON-FATAL ACCIDENTS, TENTH DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Bell & Zoller Mining Co., No. 1.....	20	4	826	Asst. Mine Mgr.	1	1	.....	Animals.....	2	...	55
Bell & Zoller Mining Co., No. 2.....	11	...	413	Blacksmiths...	5	...	79	Cage.....	6	...	107
Benton Coal Mining Co., No. 1.....	9	...	547	Cagers.....	3	...	40	Electricity.....	13	1	55
Benton Coal Mining Co., No. 2.....	7	...	275	Carpenters....	3	...	47	Fall of roof and sides.....	167	13	61
Black Star Coal Co.....	25	3	1,121	Couplers.....	4	...	50	Fall of person...	26	1	63
By-Products Coal Corp., No. 18.....	7	...	224	Drivers.....	22	1	55	Flying particles..	5	...	87
C. W. & F. Coal Co., No. 1.....	61	...	2,961	Fireman.....	1	...	90	Gas explosion...	1	...	37
Franklin Coal & Coke Co., No. 1.....	35	6	2,396	Laborers.....	43	5	57	Hand tools.....	9	...	50
Franklin County Mining Co.....	26	4	1,153	Loaders.....	303	16	59	Lifting.....	53	1	57
Old Ben Coal Corp., No. 8.....	35	...	1,910	Machinemen...	73	3	57	Machinery.....	1	...	176
Old Ben Coal Corp., No. 9.....	28	...	1,756	Miners.....	78	11	59	Mining machine..	39	1	58
Old Ben Coal Corp., No. 10.....	33	1	1,857	Mine examiner	11	...	52	Motor.....	10	...	81
Old Ben Coal Corp., No. 11.....	40	1	2,139	Motormen.....	11	...	52	Pit cars.....	182	15	61
Old Ben Coal Corp., No. 12.....	23	...	1,464	Trackmen.....	23	...	53	Railway cars....	2	...	39
Old Ben Coal Corp., No. 14.....	47	...	2,878	Timbermen...	26	4	60	Shot explosion...	8	4	55
Old Ben Coal Corp., No. 15.....	7	...	284	Trappers.....	9	...	53	Struck by objects	66	1	51
Old Ben Coal Corp., No. 16.....	24	...	1,750	Trip riders....	70	4	57	Miscellaneous...	31	3	50
Old Ben Coal Corp., No. 19.....	7	...	418					Not stated.....	57	6	53
Southern Gem Coal Co., No. 1.....	39	2	2,424								
Southern Gem Coal Co., No. 2.....	28	2	1,818								
Taylor Mining Co., No. 5.....	18	...	1,093								
U. S. Fuel Co., M. F.....	35	8	1,699								
Valier Coal Co.....	43	1	3,201								
Western Coal & Mining Co., No. 2..	70	14	2,890								
Total.....	678	46	37,247		678	46	59		678	46	59

FRANKLIN

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
SHIPPING MINES								
1	Chicago, W. & F. C. Co., No. 1	Orient.....	1,104,802	904,755	161,990	.....	2,897	24,539
2	Bell & Zoller M. Co., No. 1..	Zeigler.....	1,078,534	973,021	46,362	1,038	7,205	33,552
3	Western C. & M. Co., No. 2..	Bush.....	633,233	.....	981	611,754	4,475	14,889
4	Bell & Zoller M. Co., No. 2..	Zeigler.....	551,657	309,636	220,639	.....	.....	13,777
5	Franklin C. & C. Co., No. 1..	Royalton...	550,703	473,792	57,601	.....	5,710	10,110
6	Old Ben Coal Corp., No. 11..	Christopher.	537,355	439,977	55,417	.....	3,216	27,995
7	Old Ben Coal Corp., No. 8...	W. Frankfort	531,356	479,069	12,277	.....	8,731	17,347
8	Old Ben Coal Corp., No. 9...	W. Frankfort	494,833	431,658	10,393	49	8,562	29,740
9	Southern Gem C. Corp., No. 1	W. Frankfort	481,272	342,250	100,000	.....	14,969	15,055
10	Franklin Co. Mining Co.....	Benton.....	430,521	396,823	12,980	.....	11,636	3,872
11	United States Fuel Co., M.F..	Benton.....	419,849	53,254	.....	.....	1,325	1,770
12	Valier Coal Co.....	Valier.....	391,347	.....	386,355	.....	3,424	1,568
13	Old Ben Coal Corp., No. 14..	Buckner.....	381,832	316,153	41,307	.....	3,107	17,418
14	Southern Gem C. Corp., No. 2	Sesser.....	330,676	200,877	102,315	.....	2,534	14,281
15	Taylor Coal Co., No. 5.....	Herrin.....	320,265	303,107	.....	.....	1,632	10,880
16	Old Ben Coal Corp., No. 10..	Christopher.	317,798	275,572	24,221	.....	8,548	6,518
17	Benton Coal M. Co., No. 1...	Benton.....	299,288	246,174	23,608	.....	1,223	9,966
18	Black Star Coal Co.....	Logan.....	265,742	225,808	23,787	.....	4,419	10,780
19	Old Ben Coal Corp., No. 16..	Sesser.....	203,479	91,259	86,297	.....	5,334	14,600
20	By-ProductsCokeCorp., No. 18	W. Frankfort	171,396	166,859	.....	.....	1,126	2,639
21	Old Ben Coal Corp., No. 12..	Christopher.	169,965	137,511	23,266	.....	3,266	4,965
22	Benton Coal Co., No. 2.....	Benton.....	124,354	88,011	26,690	.....	2,216	5,719
23	Old Ben Coal Corp., No. 15..	Ezra.....	115,027	102,269	8,980	.....	399	315
24	Old Ben Coal Corp., No. 19..	Rend.....	69,702	32,129	26,722	.....	2,236	5,745
25	By-ProductsCokeCorp., No. 19	W. Frankfort	24,931	23,071	.....	.....	1,012	848
Total.....			9,999,917	7,014,016	2,062,961	1,087	120,202	298,888

*"Delivered to washery," but no other disposition shown.

COUNTY

Loss in preparing including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
10,621	1,108	196	.....	.....	137,775	51	31	24,877	1,079,925	.....	5	61	1
17,356	1,128	199	.....	.....	222,125	43	29	95,898	982,636	.....	1	5	20
1,134	766	215	4,941	.....	150,600	20	20	297,616	335,617	.....	4	.....	70
7,605	675	167	.....	.....	112,025	34	21	.....	551,657	.....	.....	.....	11
3,490	632	176	.....	.....	54,450	30	13	.....	550,703	.....	10	1	35
10,750	739	135	.....	.....	70,200	33	20	66,576	470,779	.....	.....	1	40
13,932	858	99	.....	.....	48,800	42	21	.....	531,356	.....	1	.....	35
14,431	927	95	.....	.....	50,275	37	20	1,605	493,226	.....	.....	2	28
8,998	547	155	.....	.....	67,525	30	11	.....	481,272	.....	24	1	39
5,200	457	158	.....	.....	71,450	18	7	.....	430,521	.....	18	.....	26
*363,500	740	126	.....	100	83,350	30	10	.....	419,849	.....	29	2	35
.....	597	97	.....	.....	68,502	35	22	.....	391,347	.....	1	1	43
3,847	605	114	.....	.....	55,300	31	19	15,338	366,494	.....	1	2	47
10,669	539	117	.....	.....	47,325	30	18	.....	330,676	.....	.....	.....	28
4,646	379	160	5,136	.....	49,225	7	.....	150,080	170,185	.....	.....	.....	18
2,939	478	120	.....	.....	49,425	18	17	76,473	241,325	.....	.....	.....	33
7,317	449	136	.....	.....	28,350	23	10	.....	299,288	.....	16	4	9
9,948	422	135	.....	.....	61,975	23	4	.....	265,742	.....	20	.....	25
5,989	506	94	.....	.....	35,725	31	21	535	202,944	.....	2	2	24
772	319	107	1,218	.....	30,450	12	10	.....	171,396	.....	1	.....	7
957	574	67	.....	.....	27,525	18	15	10,148	159,817	.....	.....	.....	23
1,718	335	83	.....	.....	23,175	21	5	.....	124,354	.....	23	1	7
3,064	385	61	.....	.....	18,825	22	10	.....	115,027	.....	1	.....	7
2,870	331	51	.....	.....	16,100	14	4	.....	69,702	.....	18	.....	7
.....	344	18	.....	.....	6,325	12	3	.....	24,931	.....	35	.....	25
502,763	14,840	123	11,295	100	1,586,802	665	361	739,146	9,260,771	207	27	678	

ELEVENTH INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Eleventh Inspection District, comprising the coal producing counties of Gallatin, Saline, Wabash, and White.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	4
Number of shipping mines.....	20
Number of local mines.....	19
Number of employees underground.....	5,686
Number of employees on surface.....	607
Total number of employees.....	6,293
Total tons of coal produced.....	4,158,307
Days of active operation, shipping mines, average.....	130
Days of active operation, local mines, average.....	139
Number of fatal accidents.....	24
Number of non-fatal accidents.....	346
Number of employees to each fatal accident.....	262
Number of employees to each non-fatal accident.....	18.2
Tons of coal produced to each fatal accident.....	173,263
Tons of coal produced to each non-fatal accident.....	1,218
Ratio of fatal accidents per 1,000 employees.....	3.8

The Harrisburg Collieries Company's Harco mine was not reported for 1921.

The following mines were reported in 1921, but have been idle during the past year and are abandoned or temporarily closed: Gallatin Coal & Coke Co., Turnes Coal Co., O'Gara Coal Company's Nos. 9 and 14, Big Creek Coals Incorporation mines 4, 5 and 6, and Harrisburg Fuel Co.

FATAL ACCIDENTS

July 18, 1921, Bert Sewell, electrician helper, age 21 years, married, was thrown off cage and fell to bottom of shaft and was instantly killed in Big Creek Coals Company's mine No. 2. He leaves a widow.

July 27, 1921, William P. Rawlins, driver, age 23 years, married, was caught between a loaded car and trap door and injured so badly that he died the next day, in Big Creek Coals Company's No. 3 mine. He leaves a widow.

August 20, 1921, J. A. Wilson, timberman, age 67 years, married, was killed by a fall of rock in Hickory Hill Coal Company's mine. He leaves a widow.

August 31, 1921, a gas explosion occurred in Harrisburg Colliery Company's Harco mine, in which twelve men lost their lives. The name, age, occupation, and conjugal relation of the men are as follows:

David Stewart, miner, age 42 years, married, leaves a widow and six children; Herbert Reeder, miner, age 28 years, married, leaves a widow and three children; Herschel Vaughn, miner, age 26 years, married, leaves a widow and two children; John Luther, miner, age 48 years, married, leaves a widow and one child; Hiram Brown, miner, age 27 years, married, leaves a widow and two children; Lyman Bulkley, miner, age 18 years, single; George Hunter, miner, age 32 years, married, leaves a widow and one child; George Warwick, miner, age 30 years, single; Ernie Goodrich, miner, age 34 years, widower, leaves three children; Mike Mosco, miner, age 38 years, married, leaves a widow and four children; and Charles Mosco, miner, age 36 years, single.

August 31, 1921, John Smith, trackman, age 47 years, married, was killed in O'Gara Coal Company's No. 11 mine by falling rock. He leaves a widow and five children.

September 2, 1921, Thomas Ritson, miner, age not given, married, was suffocated in Harrisburg Colliery Company's Harco mine. Deceased, at the time, was a member of the rescue team who were exploring that portion of the mine in which the explosion of gas occurred on the 31st day of August, when, through some disarrangement of his breathing apparatus, he was overcome by afterdamp. He leaves a widow.

November 3, 1921, Henry Hood, loader, age 33 years, married, died from injuries received two days previous by a fall of rock in J. K. Dering Coal Company's No. 2 mine. He leaves a widow and three children.

November 5, 1921, Paul Bardos, miner, age 48 years, married, died from injuries received the day before by a fall of coal in Saline Gas Coal Company's mine. He leaves a widow and five children.

November 18, 1921, Elbert Johnson, laborer, age 33 years, single, and Omer Dick, laborer, age 22 years, single, were killed in O'Gara Coal Company's No. 11 mine by rock falling down shaft. Johnson leaves his mother dependent.

January 4, 1922, William Shuneman, timberman, age 34 years, married, was killed in Harrisburg Colliery Company's Harco mine by a fall of rock. He leaves a widow.

January 11, 1922, Samuel Mills, miner, age 30 years, married, was killed by falling rock in O'Gara Coal Company's No. 8 mine. He leaves a widow and three children.

January 17, 1922, Virgil Clayton, trip rider, age 23 years, single, was killed by a motor in Wasson Coal Company's No. 1 mine. Deceased jumped off motor while in motion to turn the switch. He jumped too high, struck his head against the roof, and fell back in front of motor, which ran over him.

February 12, 1922, Walter Baugh, miner, age 50 years, married, was killed by falling rock in O'Gara Coal Company's No. 11 mine. He leaves a widow.

Respectfully submitted,

THOMAS ENGLISH, *Inspector.*

FATAL CASUALTIES, ELEVENTH DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
July 18	Bert Sewell	21	Electrician	Harrisburg	Big Creek Coal Co.	2	1	1	1	1	1	Fell down shaft
July 27	Wm. P. Rawlins	23	Driver	Harrisburg	Big Creek Coal Co.	3	1	1	1	1	1	Pit car
Aug. 20	A. A. Wilson	67	Timberman	Danville	Hickory Hill Coal Co.	1	1	1	1	1	1	Falling rock
Aug. 31	Herbert Reeder	28	Miner	Harco	Harrisburg Col. Co.	1	1	1	1	3	4	Suffocation
Aug. 31	David Steward	42	Miner	Harrisburg	Harrisburg Col. Co.	1	1	1	1	6	7	Suffocation
Aug. 31	Hershel Vaughn	26	Miner	Dorrisville	Harrisburg Col. Co.	1	1	1	1	2	3	Suffocation
Aug. 31	John Luther	48	Miner	Harco	Harrisburg Col. Co.	1	1	1	1	1	2	Suffocation
Aug. 31	Hiram Brown	22	Miner	Harrisburg	Harrisburg Col. Co.	1	1	1	1	1	2	Suffocation
Aug. 31	Lyman Bulkley	18	Miner	Harrisburg	Harrisburg Col. Co.	1	1	1	1	1	2	Suffocation
Aug. 31	George Hunter	32	Miner	Harrisburg	Harrisburg Col. Co.	1	1	1	1	1	2	Suffocation
Aug. 31	George Warwick	30	Miner	Harrisburg	Harrisburg Col. Co.	1	1	1	1	3	5	Suffocation
Aug. 31	Ernie Goodrich	34	Miner	Harrisburg	Harrisburg Col. Co.	1	1	1	1	4	5	Suffocation
Aug. 31	Mike Mosco	36	Miner	Harco	Harrisburg Col. Co.	1	1	1	1	1	1	Suffocation
Aug. 31	Charles Mosco	36	Miner	Harco	Harrisburg Col. Co.	11	1	1	1	5	6	Falling rock
Aug. 31	John Smith	47	Trackman	Eldorado	O'Gara Coal Co.	1	1	1	1	1	1	Suffocation
Sept. 2	Tom Riston	37	Miner	Maddy	Harrisburg Col. Co.	1	1	1	1	1	1	Falling rock
Nov. 3	Henry Hood	38	Loader	Eldorado	I. K. Denney Coal Co.	2	1	1	1	3	4	Falling rock
Nov. 8	Paul Baros	33	Miner	Harrisburg	Saline Gas Coal Co.	1	1	1	1	5	6	Falling coal
Nov. 18	Elbert Johnston	33	Laborer	Cottage Grove	O'Gara Coal Co.	11	1	1	1	1	1	Rock fell down shaft
Nov. 18	Omer Dick	22	Laborer	Christopher	O'Gara Coal Co.	11	1	1	1	1	1	Rock fell down shaft
1922												
Jan. 4	Wm. Shuneman	34	Timberman	Harrisburg	Harrisburg Col. Co.	1	1	1	1	1	1	Falling rock
Jan. 11	Samuel Mills	30	Miner	Eldorado	O'Gara Coal Co.	8	1	1	1	3	4	Falling rock
Jan. 17	Virgil Clayton	23	Trip rider	Wasson	Wasson Coal Co.	1	1	1	1	1	1	Motor
Feb. 12	Walter Baugh	50	Miner	Gillespie	O'Gara Coal Co.	11	1	1	1	1	1	Falling rock

NON-FATAL ACCIDENTS, ELEVENTH DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Big Creek Coals, Inc., No. 2.....	22	1	1,510	Blacksmiths.....	2	1	32	Animals.....	6	1	56
Big Creek Coals, Inc., No. 3.....	41	1	2,186	Couplers.....	3	1	67	Boiler explosion.....	1	...	32
Dering, J. K., No. 2.....	24	3	1,615	Drivers.....	39	3	63	Electricity.....	2	...	57
Harrisburg Coal Mining Co., No. 1.....	2	...	66	Fireman.....	1	1	...	Fall of person.....	7	3	72
Hickory Hill Coal Co.....	6	1	176	Laborers.....	30	4	68	Fall of roof and sides.....	88	11	65
O'Gara Coal Co., No. 1.....	36	4	1,938	Loaders.....	184	20	61	Flying particles.....	1	...	53
O'Gara Coal Co., No. 3.....	28	2	1,950	Machinemen.....	37	7	67	Gas explosion.....	2	...	50
O'Gara Coal Co., No. 8.....	14	2	883	Miners.....	10	3	62	Hand tools.....	9	2	53
O'Gara Coal Co., No. 10.....	22	1	1,099	Motormen.....	6	...	59	Lifting.....	19	2	62
O'Gara Coal Co., No. 11.....	23	...	1,354	Shot firers.....	2	...	55	Mining machine.....	21	5	59
O'Gara Coal Co., No. 12.....	2	...	58	Spraggers.....	2	1	33	Motor.....	1	1	...
O'Gara Coal Co., No. 15.....	20	...	1,169	Timbermen.....	4	...	113	Pit car.....	122	13	62
Saline Gas Coal Co.....	6	2	211	Trackmen.....	4	...	85	Railway car.....	2	1	30
Southern Counties Coal Co., No. 20.....	41	5	2,821	Trapper.....	1	...	30	Struck by object.....	18	1	54
Wasson Coal Co., No. 1.....	43	16	1,237	Trip riders.....	21	4	50	Miscellaneous.....	28	2	68
Wasson Coal Co., No. 2.....	9	7	124					Not stated.....	19	3	72
White County Mining Co.....	7	1	421								
Total.....	346	45	18,876		346	45	63		346	45	63

GALLATIN

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
1	SHIPPING MINES							
	Hickory Hill Coal Co.	Equality....	62,261	59,485	.....		486	2,290
	LOCAL MINES							
	8 mines producing less than 10,000 tons each.....		4,635	.....	.....		4,635	.....
	Total, all mines		66,896	59,485	.....		5,121	2,290

SALINE

	SHIPPING MINES							
1	Harrisburg Col. Co., Harco..	Harco.....	590,386	39,972	536,152	.....	3,262	11,000
2	Big Creek Coals, Inc., No. 3.	Harrisburg..	522,270	508,161	.....	.....	7,097	7,012
3	Wasson Coal Co., No. 1.....	Harrisburg..	352,204	340,894	.....	.....	.....	1,210
4	Sou. Counties C. Co., No. 20..	Eldorado....	323,552	307,206	.....	.....	6,080	10,033
5	O'Gara Coal Co., No. 1.....	Harrisburg..	321,540	296,557	20,028	.....	12	4,943
6	Big Creek Coals, Inc., No. 2.	Ledford.....	268,108	260,372	.....	.....	2,319	5,417
7	O'Gara Coal Co., No. 10.....	Eldorado....	255,467	186,629	15,072	.....	21,115	7,397
8	J. K. Dering Coal Co., No. 2.	Eldorado....	236,826	227,290	.....	1,049	3,151	5,336
9	O'Gara Coal Co., No. 3.....	Harrisburg..	232,822	65,409	134,456	.....	8,698	8,705
10	O'Gara Coal Co., No. 8.....	Eldorado....	208,746	182,143	6,445	.....	9,514	9,548
11	O'Gara Coal Co., No. 11.....	Eldorado....	198,607	73,070	116,075	.....	.....	5,525
12	O'Gara Coal Co., No. 15.....	Harrisburg..	176,354	111,973	47,794	.....	1,584	5,404
13	Harrisburg C.M.Co., Blue Bird	Harrisburg..	140,770	139,577	.....	.....	634	264
14	O'Gara Coal Co., No. 12.....	Harrisburg..	41,229	29,024	7,691	.....	1,064	1,380
15	Saline Gas Coal Co., No. 1....	Harrisburg..	40,099	23,487	15,577	.....	159	876
16	Wasson Coal Co., No. 2.....	Harrisburg..	32,402	28,065	.....	.....	550	3,787
17	Heato Coal Co., No. 1.....	Carriers Mills	29,000	29,000	.....	.....	.....	.....
18	Dodds Coal Co., No. 1.....	Carriers Mills	23,475	21,792	.....	.....	251	1,426
	Total.....		3,993,857	2,870,621	899,290	1,049	65,496	89,263
	LOCAL MINES							
	10 mines producing less than 10,000 tons each.....		16,047	.....	.....	.....	15,397	650
	Total, all mines.....		4,009,904	2,870,621	899,290	1,049	80,893	89,913

WABASH

	LOCAL MINE							
1	A. B. Keen.....	Mt. Carmel..	500	.....	.....	.....	500	.....

WHITE

	SHIPPING MINE							
1	White Co. Mining Co.....	Norris City..	81,007	69,870	.....	808	6,812	2,909

COUNTY

Loss in preparing including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
.....	179	84	1,547	.....	.....	6	2	.....	62,261	14	1	6	1
.....	23	153	247	.....	.....	.....	.....	4,635	.....	.....	.....	.....	.....
.....	202	145	1,794	.....	.....	6	2	4,635	62,261	14	1	6	.....

COUNTY

.....	625	204	.....	.....	.....	32	.....	.....	590,386	2	13	.....	1
.....	591	183	.....	.....	.....	30	17	.....	522,270	10	1	41	2
10,100	464	137	4,191	.....	.....	24	7	30,854	321,350	38	1	43	3
233	388	224	.....	46,050	.....	19	3	.....	323,552	31	.....	41	4
.....	485	142	2,519	9,000	.....	25	4	.....	321,540	42	.....	36	5
.....	446	141	2,368	.....	.....	16	5	.....	268,108	46	1	22	6
25,254	322	173	.....	33,875	.....	16	4	.....	255,467	40	.....	22	7
.....	388	124	.....	.....	.....	12	10	.....	236,826	.....	1	24	8
15,554	411	112	1,835	7,525	.....	25	4	.....	232,822	44	.....	28	9
1,096	273	146	582	25,675	.....	13	3	.....	208,746	32	1	14	10
3,937	295	162	.....	28,600	.....	16	3	.....	198,607	45	4	23	11
9,599	357	95	1,748	.....	.....	18	4	.....	176,354	45	.....	20	12
295	138	175	.....	17,800	.....	4	2	.....	140,770	14	.....	2	13
2,070	246	39	.....	6,425	.....	9	3	.....	41,229	32	.....	2	14
.....	96	110	1,697	.....	.....	.....	.....	40,099	.....	14	1	6	15
.....	225	29	1,380	.....	.....	17	8	.....	32,402	.....	.....	9	16
.....	41	150	290	.....	.....	1	.....	.....	29,000	3	.....	.....	17
.....	70	71	440	.....	300	2	.....	1,191	22,284	8	.....	.....	18
68,138	5,861	134	16,050	.....	175,250	279	77	72,144	3,921,713	446	23	333	.....
.....	40	123	671	.....	.....	.....	.....	16,047	.....	.....	.....	.....	.....
68,138	5,901	130	16,721	175,250	279	77	88,191	3,921,713	446	23	333

COUNTY

.....	2	200	50	500	1
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COUNTY

608	188	91	598	6	81,007	30	7	1
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SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in preparing and not sold June 30	
Gallatin.....	1	62,261	59,485	.....	.....	486	2,290	.....	.....
Saline.....	18	3,993,857	2,870,621	899,290	1,049	65,496	89,263	68,138	153,951
White.....	1	81,007	69,870	.....	808	6,812	2,909	608	.....
Total.....	20	4,137,125	2,999,976	899,290	1,857	72,794	94,462	68,746	153,951

LOCAL MINES, RECAPITULATION

Gallatin.....	8	4,635	.....	.....	.....	4,635	.....	.....	.....
Saline.....	10	16,047	.....	.....	.....	15,397	650	.....	.....
Wabash.....	1	500	.....	.....	.....	500	.....	.....	.....
Total.....	19	21,182	.....	.....	.....	20,532	650	.....	.....

ALL MINES, RECAPITULATION

Gallatin.....	9	66,896	59,485	.....	.....	5,121	2,290	.....	.....
Saline.....	28	4,009,904	2,870,621	899,290	1,049	80,893	89,913	68,138	153,951
Wabash.....	1	500	.....	.....	.....	500	.....	.....	.....
White.....	1	81,007	69,870	.....	808	6,812	2,909	608	.....
Total.....	39	4,158,307	2,999,976	899,290	1,857	93,326	95,112	68,746	153,951

BY COUNTIES, ELEVENTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals under ground	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
159	20	179	1,547	.....	.....	84	6	.....	62,261	2	14	1	6
5,306	555	5,861	16,050	.....	175,250	134	279	72,144	3,921,713	77	448	23	333
167	21	188	598	.....	.....	91	6	.....	81,007	.....	30	.....	7
5,632	596	6,228	18,195	.....	175,250	130	291	72,144	4,064,981	79	492	24	346

BY COUNTIES, ELEVENTH DISTRICT

21	2	23	247	.....	.....	153	.....	4,635	.....	.....	.....	.....	.....
32	8	40	671	.....	.....	123	.....	16,047	.....	.....	.....	.....	.....
1	1	2	50	.....	.....	200	.....	500	.....	.....	.....	.....	.....
54	11	65	968	.....	.....	139	.....	21,182	.....	.....	.....	.....	.....

BY COUNTIES, ELEVENTH DISTRICT

180	22	202	1,794	.....	.....	145	6	4,635	62,261	2	14	1	6
5,338	563	5,901	16,721	.....	175,250	130	279	88,191	3,921,713	77	448	23	333
1	1	2	50	.....	.....	200	.....	500	.....	.....	.....	.....	7
167	21	188	648	.....	.....	91	6	.....	81,007	.....	30	.....	.....
5,686	607	6,293	19,163	.....	175,250	134	291	93,326	4,064,981	79	492	24	346

TWELFTH INSPECTION DISTRICT—1922

*Hon. Robert M. Medill,
Director, Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the annual report of this, the Twelfth Inspection District, comprising the coal producing counties of Johnson and Williamson.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	2
Number of shipping mines.....	50
Number of local mines.....	31
Number of employees underground.....	11,041
Number of employees on surface.....	1,513
Total number of employees.....	12,554
Total tons of coal produced.....	8,741,789
Days of active operation, shipping mines, average.....	123
Days of active operation, local mines, average.....	102
Number of fatal accidents.....	24
Number of non-fatal accidents.....	399
Number of employees to each fatal accident.....	523
Number of employees to each non-fatal accident.....	31.5
Tons of coal produced to each fatal accident.....	364,241
Tons of coal produced to each non-fatal accident.....	21,909
Ratio of fatal accidents per 1,000 employees.....	1.91

NEW MINES

Southern Illinois Coal Company, Marion; Carterville Fuel Company, Herrin; and Hampton Coal Co., Carterville. The latter was operated last year as a local mine.

CHANGE OF NAME

T. G. Warden Coal Co. to Sunnyside Coal Co., Ridge Coal Co. to Sincerity Coal Co., Fifth Vein Coal Co. to Brinkley Coal Co., and Marion-Pittsburg Coal Co. to Ernest Coal Co., No. 2 mine.

THE FOLLOWING MINES WERE NOT OPERATED

Watson Coal Co. No. 1, Southern Gem Coal Co., and Block Coal Co. Nos. 1 and 2 mines.

FATAL ACCIDENTS

August 1, 1921, Joe Fontanetta, miner, age 43 years, married, died from the effects of burns received while drilling out a misfired shot in Scranton Coal Mining Company's mine five days previous. He leaves a widow and seven children.

August 5, 1921, James W. Richardson, laborer, age 53 years, married, was killed at No. 7 mine, Consolidated Coal Company, by being run over by a railroad car. He leaves a widow and one child.

August 22, 1921, James Isaacs, machine helper, age 22 years, single, was killed in Sanford Coal Company's mine by a mining machine. He leaves one dependent, his mother.

August 26, 1921, Ed Blackburn, driver, age 32 years, married, was killed by pit cars in Scranton Coal Mining Company's mine. He leaves a widow and one child.

September 12, 1921, George Vuckorick, timberman, age 29 years, married, died from injuries received two days before by an explosion of gas in Consolidated Coal Company's No. 8 mine. He leaves a widow.

September 26, 1921, Frank Trasp, trip rider, age 25 years, single, was caught between the motor and rib and killed in Old Ben Coal Corporation's No. 18 mine.

October 7, 1921, Oscar Hall, miner, age 33 years, married, was killed by a fall of rock in Freeman Coal Mining Company's mine. He leaves a widow and two children.

October 18, 1921, Theodore Jeter, miner, age 52 years, married, was killed in Peabody Coal Company's No. 3 mine by being caught between pit car and wall in refuge place where he had gone to get out of the way of an empty trip. Deceased was on his way out and the motor coming in with an empty trip, he went into the refuge place. The motor left the track about ten feet beyond the refuge place, doubling up the cars, breaking the coupling on one so that it turned squarely into the refuge place and pinned him against the stopping. He died before reaching the surface. He leaves a widow and three children.

October 23, 1921, Con Perry, face boss, age 38 years, married, died from injuries received four days before in Old Ben Coal Corporation's No. 18 mine by an explosion of dynamite shots. He leaves a widow and four children.

October 25, 1921, James Babka, miner, age 45 years, single, died from injuries received the day before by being caught between pit car and coal face in Old Ben Coal Corporation's No. 18 mine.

October 27, 1921, John Morris, miner, age 20 years, single, was killed by coming in contact with a trolley wire in Consolidated Coal Company's Lake Creek mine.

October 27, 1921, John Tortino, miner, age 38 years, married, was killed by a fall of coal in Old Ben Coal Corporation's No. 17 mine. He leaves a widow and four children.

November 4, 1921, Louis Pisoni, miner, age 49 years, married, was killed in Chicago, Wilmington and Franklin Coal Company's mine "A" by coming in contact with a trolley wire. He leaves a widow.

November 23, 1921, James E. Oliver, timberman, age 24 years, single, died from injuries received by falling slate in Cameron Coal Company's mine five days previous.

November 29, 1921, Mark Wanless, miner, age 26 years, single, was killed by falling slate in Big Muddy Coal Company's No. 26 mine.

December 14, 1921, Harry Barnes, miner, age 39 years, married, was killed by a fall of slate in Big Muddy Coal Company's No. 26 mine. He leaves a widow and four children.

December 19, 1921, Andrew Anderson, shot firer, age 26 years, married, and Charles Powell, shot firer, age 29 years, married, were killed by powder explosion caused by firing dead holes in Slogo Coal Company's mine. Anderson leaves a widow and two children and Powell leaves a widow and three children.

January 28, 1922, Quincy Gooden, trip rider, age 22 years, single, was riding on front end of trip of cars when he fell off and was run over and killed in Consolidated Coal Company's No. 7 mine. He leaves his father and mother dependent.

January 31, 1922, Norman Howes, miner, age 36 years, married, died from injuries received by a fall of coal three weeks previous in Big Muddy Coal Company's No. 26 mine. He leaves a widow.

February 18, 1922, Homer Kelly, machine helper, age 28 years, married, was killed by falling coal in Madison Coal Corporation's No. 8 mine. He leaves a widow and one child.

February 21, 1922, Limmie Kelly, driver, age 21 years, married, fell off the cage while being hoisted out of Cameron Coal Company's mine and was killed. He leaves a widow.

April 13, 1922, Charles Stebouebi, miner, age 46 years, single, died from injuries received March 29 in Searls Coal Company's mine by a fall of coal.

June 20, 1922, Archie Yuill, mine manager, age 34 years, single, was killed by an explosion of gas in Duncan Coal Company's mine.

Respectfully submitted,

W. L. MORGAN, *Inspector.*

FATAL CASUALTIES, TWELFTH DISTRICT, JUNE 30, 1922

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
1921												
Aug. 1	Joe Fontanetta	43	Miner	Marion	Scranton Coal M. Co.	7	1	1	1	7	8	Powder explosion
Aug. 5	Jas. W. Richardson	53	Laborer	Herrin	Consolidated Coal Co.	7	1	1	1	1	2	Railway car
Aug. 22	James Isaacs	22	Mch. helper	Paulton	Sandford Coal Co.	3	1	1	1	1	1	Machine
Aug. 26	Ed. Blackburn	32	Driver	Marion	Scranton Coal M. Co.	3	1	1	1	1	1	Pit car
Sept. 12	George Vuclerich	29	Timberm'n	Clifford	Consolidated Coal Co.	8	1	1	1	1	1	Gas explosion
Sept. 26	Frank Trasp	25	Trip rider	Johnston City	Old Ben Coal Corp.	18	1	1	1	1	1	Motor
Oct. 7	Oscar Hall	33	Miner	Herrin	Freeman Coal M. Co.	3	1	1	1	1	3	Falling rock
Oct. 18	Theodore Jeter	52	Miner	Marion	Peabody Coal Co.	3	1	1	1	1	4	Pit car
Oct. 23	Con Perry	38	Face boss	Johnston City	Old Ben Coal Corp.	18	1	1	1	1	5	Dynamite explosion
Oct. 25	James Babka	45	Miner	Johnston City	Old Ben Coal Corp.	18	1	1	1	1	1	Pit car
Oct. 27	John Morris	20	Miner	Johnston City	Consolidated Coal Co.	L. C.	1	1	1	1	1	Electrocuted
Oct. 27	John Tortino	38	Miner	Johnston City	Old Ben Coal Corp.	17	1	1	1	1	1	Falling coal
Nov. 4	Louis Pisoni	49	Miner	Herrin	Chi., W. & F. Co.	"A"	1	1	1	1	1	Electrocuted
Nov. 23	James E. Oliver	24	Timberm'n	Pittsburg	Cameron Coal Co.	26	1	1	1	1	1	Falling slate
Nov. 29	Mark Wanless	36	Miner	Johnston City	Big Muddy Coal Co.	26	1	1	1	1	1	Falling slate
Dec. 14	Harry Barnes	39	Miner	Johnston City	Big Muddy Coal Co.	26	1	1	1	1	1	Falling slate
Dec. 19	Andrew Anderson	26	Shot firer	Marion	Slogo Coal Co.	1	1	1	1	1	1	Powder explosion
Dec. 19	Chas. Powell	29	Shot firer	Marion	Slogo Coal Co.	1	1	1	1	1	1	Powder explosion
1922												
Jan. 28	Quincy Gooden	22	Trip rider	Herrin	Consolidated Coal Co.	7	1	1	1	1	2	Pit car
Jan. 31	Norman Howes	36	Miner	Johnston City	Big Muddy Coal Co.	26	1	1	1	1	1	Falling coal
Feb. 18	Homer Kelly	28	Mch. helper	Johnston City	Big Muddy Coal Co.	26	1	1	1	1	1	Falling coal
Feb. 21	Limmie Kelly	21	Driver	Dewmaine	Madison Coal Corp.	8	1	1	1	1	1	Fell down shaft
April 13	Charles Stehenebi	46	Miner	Pittsburg	Cameron Coal Co.	1	1	1	1	1	1	Falling coal
June 20	Archie Vuill	31	Mine Mgr.	Johnston City	Searls Coal Co.	1	1	1	1	1	1	Falling coal
				Herrin	Duncan Coal Co.	1	1	1	1	1	1	Gas explosion

NON-FATAL ACCIDENTS, TWELFTH DISTRICT

Name of operator and mine	Number			Occupation	Number			Cause of accident	Number		
	Injured	Not returned to work	Time lost by returned men, days		Injured	Not returned to work	Average days lost by men returned		Injured	Not returned to work	Average days lost by men returned
Big Muddy Coal Co., No. 26.....	14	1	760	Blacksmith.....	1	...	63	Animals.....	7	1	51
Cameron Coal Co.....	7	...	366	Cagers.....	6	2	62	Boiler explosion.....	1	...	30
Carterville B. M. Coal Co.....	6	2	259	Carpenter.....	1	1	...	Electricity.....	5	...	53
Chicago-Big Muddy Coal Co.....	2	...	161	Couplers.....	3	...	35	Fall of person.....	11	2	62
C. W. & F. Coal Co., "A".....	26	2	1,556	Drivers.....	55	4	56	Fall of roof and sides.....	82	13	62
C. W. & F. Coal Co., "B".....	12	...	688	Firemen.....	2	...	69	Flying particles.....	2	1	39
Consolidated Coal Co., No. 7.....	40	13	1,047	Laborers.....	26	8	58	Gas explosion.....	5	...	49
Consolidated Coal Co., No. 8.....	32	13	1,012	Loaders.....	55	2	59	Hand tools.....	18	1	51
Consolidated Coal Co., L. C.....	12	7	191	Machinemen.....	26	3	47	Lifting.....	23	5	42
Ernest Coal Co., No. 1.....	9	...	437	Miners.....	172	29	54	Machinery.....	4	...	60
Ernest Coal Co., No. 2.....	5	...	272	Mine exam'rs.....	2	...	36	Mining machine.....	15	2	56
Federal Coal Co., No. 25.....	5	...	282	Mine Manager.....	1	...	30	Pit car.....	128	13	58
Hafer Wash Coal Co.....	7	...	294	Motormen.....	6	1	42	Powder explosion.....	3	...	64
Johnston City Wash Coal Co.....	8	2	343	Shot firers.....	2	1	90	Shot explosion.....	2	1	140
Madison Coal Corp., No. 8.....	9	1	360	Timbermen.....	12	...	49	Struck by object.....	44	12	49
Madison Coal Corp., No. 9.....	36	2	1,657	Trackmen.....	11	...	47	Miscellaneous.....	31	1	36
Madison Coal Corp., No. 12.....	12	4	461	Trappers.....	3	1	49	Not stated.....	16	1	57
Old Ben Coal Corp., No. 17.....	11	...	597	Trip riders.....	15	2	64				
Old Ben Coal Corp., No. 18.....	7	...	377								
Old Ben Coal Corp., No. 20.....	16	...	928								
Orchard Coal Co.....	4	...	183								
Peabody Coal Co., No. 3.....	23	...	1,194								
Pratt Bros. Coal Co., No. 1.....	13	...	974								
Sanford Coal Co.....	4	...	267								
Scranton C. M. Co.....	7	...	376								
Searls Coal Co.....	10	...	436								
Sincerity Coal Co.....	4	...	194								
Slogo Coal Corp.....	13	4	439								
Sunnyside Mining Co.....	10	...	671								
Taylor Coal Co., No. 1.....	5	1	175								
Taylor Coal Co., No. 2.....	12	1	645								
Taylor Coal Co., No. 3.....	17	1	1,156								
Watson Coal Co., No. 3.....	1	...	46								
Total.....	399	54	18,798		399	54	54		399	54	54

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
	LOCAL MINES							
	3 mines producing less than 10,000 tons each.....		5,825					5,825

WILLIAMSON

SHIPPING MINES								
1	Madison Coal Corp., No. 9...	Dewmaine..	570,665	550,270			4,785	15,610
2	Peabody Coal Co., No. 3....	Marion.....	558,145	535,591	11,682	834		
3	Consolidated Coal Co., No. 7	Herrin.....	464,960	404,297	18,388		10,396	15,485
4	Chicago, W. & F. C. Co., "A"...	Herrin.....	429,439	351,967	18,947		6,596	15,583
5	Big Muddy Coal Co., No. 26.	Marion.....	392,749	386,747			1,672	4,107
6	Pratt Bros. Coal Co., Jeffery.	Herrin.....	350,944	58,173	288,113		2,099	2,559
7	Freeman Coal Mining Co.....	Herrin.....	327,980	309,695	1,448		2,752	9,226
8	Consolidated Coal Co., No. 8	Clifford....	323,857	58,063	238,238		2,792	16,815
9	West Virginia Coal Co., No. 1	Marion.....	320,520		311,844		4,626	4,050
10	Ernest Coal Co., No. 1.....	JohnstonCity	312,856	303,527			1,886	5,370
11	Madison Coal Corp., No. 8...	Dewmaine..	300,020	284,758			2,532	12,730
12	Consolidated Coal Co., L. C.	JohnstonCity	284,092	184,729	87,379		2,004	9,980
13	Searls Coal Co.....	JohnstonCity	281,600	265,669			6,292	6,062
14	Federal Coal Co., No. 25....	Cartersville..	278,484	271,847			2,788	3,154
15	Old Ben Coal Corp., No. 18...	JohnstonCity	271,333	212,647	47,969		2,117	7,306
16	St. Louis Coal & Iron Co.....	JohnstonCity	229,004	224,918	402		994	2,690
17	Scranton Coal Mining Co.....	Marion.....	206,279	160,225	45,548			506
18	Henderson-Wallace Coal Co...	Marion.....	184,760	177,926	64,425			2,409
19	Madison Coal Corp., No. 12...	Cambria.....	184,092	178,169			1,093	4,830
20	Taylor Coal Co., No. 2.....	Herrin.....	179,474	154,778			5,212	9,000
21	Slogo Coal Corp.....	Marion.....	168,756	143,420	19,440		5,896	
22	Johnston City Washed C. Co.	Whiteash...	167,956	75,730	85,271		1,094	5,522
23	Sanford Coal Co., No. 3.....	Marion.....	160,816	148,222		4,346	652	7,555
24	Chicago-Big M. C. & M. Co.	Marion.....	155,351	114,250	39,933		703	2,322
25	Old Ben Coal Corp., No. 20...	Herrin.....	143,000	104,287	22,855		1,252	8,899
26	Cameron Coal Co.....	Marion.....	130,720	125,945			2,160	2,114
27	Old Ben Coal Corp., No. 17...	JohnstonCity	129,987	104,285	16,164		1,608	5,883
28	Sunnyside Mining Co.....	Herrin.....	128,555	59,513	55,218		3,071	10,142
29	Orchard Coal Co.....	Marion.....	125,271	113,323	7,171		200	4,577
30	Sincerity Coal Co.....	Marion.....	117,553	115,223			472	1,426
31	Binkley Coal Co., No. 1.....	Marion.....	108,877	33,877	75,000			
32	Taylor Coal Co., No. 3.....	Herrin.....	98,473	96,547				1,926
33	Hafer Washed Coal Co., No. 3	Cartersville..	88,641	69,278	13,975		646	3,234
34	Ernest Coal Co., No. 2.....	Pittsburg...	88,213	82,664			605	4,829
35	Southern Illinois Coal Co...	Marion.....	84,500	8,450	76,050			
36	Cartersville-Big M. C. Co. John.	Herrin.....	77,034	68,900	766		1,888	5,480
37	Taylor Coal Co., No. 1.....	Herrin.....	65,803	61,936			139	3,728
38	Chicago, W. & F. M. Co., "B"...	Herrin.....	58,654	49,215	6,080			3,170
39	Sunrise Coal Co.....	Cambria.....	30,430	28,411			1,500	
40	New Prosperity C. Co., No. 1.	Herrin.....	21,559	20,914			625	15
41	Coal Belt Coal Co.....	Marion.....	19,734	19,634			100	
42	Hampton Coal Co.....	Cartersville..	13,065	11,500			1,565	
43	Duncan Coal Co.....	Herrin.....	12,565	8,255			254	3,601
44	Leah Coal Co.....	Cambria.....	10,572	10,488			84	
45	Watson Coal Co., No. 2.....	Herrin.....	10,073	9,600	383		90	
46	Cartersville Blk. Diamond C. Co.	Herrin.....	3,111	99	2,813		199	
47	Herrin & Big Muddy C. Co...	Herrin.....	2,700	2,400			200	100
48	Cartersville Fuel Co.....	Herrin.....	2,389	438	1,853		20	78
49	Vulcan Coal Co.....	Marion.....	1,860	860			1,000	
50	Watson Coal Co., No. 3.....	Herrin.....	1,543	1,543				
Total.....			8,679,014	6,701,204	1,557,355	5,180	86,659	222,073

COUNTY

Loss in preparing including coal not sold	Total employees	Days of active operation	Explosives used for blasting coal			Mining machines, number in use	Motors, number in use	Tons mined		Number animals underground	Accidents		Number
			Powder, kegs	Dynamite, Lbs.	Permissibles, Lbs.			By hand	By machine		Killed	Injured	
.....	9	107	311					5,825					1

COUNTY

.....	583	176	19,977			13	17	351,595	219,070	2		36	1
10,038	572	199	12,166		12,950	21	5	100,429	457,716	40	1	23	2
16,394	504	180	20,058				7	464,960		18	2	40	3
36,346	438	145	3,579		51,350	20	9	50,391	379,048	38	1	26	4
223	404	186	7,948			19	3	34,671	358,078	20	3	14	5
.....	477	175	16,008	150				350,944		26		13	6
7,949	350	178	6,362		19,300	8	2	79,322	248,658	19	1	32	7
4,859	538	120	13,610		6,550	17	7	249,319	74,538	18	1		8
.....	320	179	4,756			12	3	16,187	304,333	16			9
2,073	310	102			65,560	22	9	48,734	264,122	13		9	10
.....	322	202	9,582			4		233,104	66,916		1	9	11
.....	411	111	6,955		10,000	5	11	193,275	90,817		1	12	12
3,577	381	139			38,700	16	5	34,021	247,579	16	1	10	13
695	295	176	10,887					278,484				5	14
1,294	517	88	3	292	51,800	32	14	7,351	263,982		3	7	15
.....	310	163	5,431		25,175	6	5	122,526	106,478	24			16
.....	300	146	6,808				2	206,279		20	2	7	17
.....	222	149	5,760			6	2	94,623	90,137	8			18
.....	224	220	4,437			7	6		184,092	1		12	19
10,484	284	137	8,010				2	179,474				12	20
.....	273	148	6,663			6	1	103,849	64,907	17	2	13	21
339	336	95	5,896			4	3	110,572	57,384	20		8	22
41	238	158			37,900		6		160,816		1	4	23
143	187	136	2,562		125	7	3		155,351	11		2	24
5,707	360	82			32,300	15	8		143,000	12		16	25
500	181	94	4,993					130,720		18		7	26
2,047	360	55		100	25,625	21	10		129,987	12	1	11	27
611	357	48	5,261			3	5	124,942	3,613	20		10	28
.....	212	138	2,321		16,250	8		47,808	77,463	20		4	29
.....	432	265	93,479			6	2	87,627	29,926	14		4	30
.....	179	180	7,211					108,877		6			31
.....	200	98	4,178					98,473		24		17	32
1,508	183	97	3,589				1	88,641		13		7	33
115	175	62			27,525	16	5		88,213	8		5	34
.....	48	102	350		100			84,500					35
.....	248	90				4	3	43,743	33,291	12		6	36
.....	200	67	3,260		2,700		2	65,803		12		5	37
189	377	36	690		8,350	8	3	24,534	34,120	18		12	38
519	64	101	1,600					30,430		5			39
5	28	175	900	20				21,559		2			40
.....	20	104	200	500	700			19,734					41
.....	12	206	650					13,065		1			42
455	26	78	17		6,345	2	2	605	11,960	2	1		43
.....	30	79	612					10,572		2			44
.....	49	41	517					10,073					45
.....	16	61	155					3,111					46
.....	5	172	130					2,700		1			47
.....	17	20			350			2,389		2			48
.....	11	48	90					1,860					49
.....	6	135	75					1,543					50
106,541	12,425	123	219,607	1,062	439,653	308	163	4,333,399	4,345,615	521	24	399	

Number	Name of operator	Post office address of the mine	Disposition of output—tons					
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed at the mine
	LOCAL MINES							
	28 mines producing less than 10,000 tons each.....		56,950				56,374	576
	Total, all mines.....		3,735,964	5,701,204	557,355	5,180	143,033	222,649

COUNTY—concluded.

Loss in pre- paring includ- ing coal not sold	Total em- ploy- ees	Days of active opera- tion	Explosives used for blasting coal			Min- ing ma- chines, num- ber in use	Mo- tors, num- ber in use	Tons mined		Num- ber ani- mals under- ground	Accidents		Number
			Pow- der, kegs	Dyna- mite, Lbs.	Per- missi- bles, Lbs.			By hand	By machine		Kill- ed	In- jured	
.....	120	102	1,760	.....	.....	.....	.....	56,950	.....	.....	.....	.....	.....
106,541	12,545	116	221,367	1,062	439,653	308	163	4,390,349	4,345,615	521	24	399	

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons						Tons washed or re-screened during the year
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Consumed at the mine	Lost in preparing and not sold June 30	
Williamson . . .	50	8,679,014	6,701,208	1,557,353	5,180	86,659	222,073	106,541	728,273

LOCAL MINES, RECAPITULATION

Johnson	3	5,825	.....	.....	.....	5,825	.....	.....	.....
Williamson	28	56,950	.....	.....	.....	56,374	576	.....	.....
Total	31	62,775	.....	.....	.....	62,199	576	.....	.....

ALL MINES, RECAPITULATION

Johnson	3	5,825	.....	.....	.....	5,825	.....	.....	.....
Williamson	78	8,735,964	6,701,208	1,557,353	5,180	143,033	222,649	106,541	728,273
Total	81	8,741,789	6,701,208	1,557,353	5,180	148,858	222,649	106,541	728,273

BY COUNTIES, TWELFTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals under ground of	Accidents	
Under ground	On surface	Total	Kegs of powder	Lbs. of dynamite	Lbs. of permissible explosives			By hand	By machine			Killed	Injured
10,933	1,492	12,425	219,607	1,062	439,653	123	308	4,333,399	4,345,615	163	536	24	399

BY COUNTIES, TWELFTH DISTRICT

7	2	9	311	.....	.....	107	.....	5,825	.....	.....	.....	.....	.....
101	19	120	1,760	.....	.....	102	.....	56,950	.....	.....	.....	.....	.....
108	21	129	2,071	.....	.....	102	.....	62,775	.....	.....	.....	.....	.....

BY COUNTIES, TWELFTH DISTRICT

7	2	9	311	.....	.....	107	.....	5,825	.....	.....	.....	.....	.....
11,034	1,511	12,545	220,367	1,062	439,653	116	308	4,390,349	4,345,615	163	536	24	399
11,041	1,513	12,554	221,678	1,062	439,653	116	308	4,396,174	4,345,615	163	536	24	399



SUPPLEMENT

REPORT OF DIVISION OF INSPECTION

REPORT OF DIVISION OF MINERS' EXAMINING BOARD

REPORT OF DIVISION OF MINE RESCUE AND FIRST AID

REPORT OF DIVISION OF ECONOMIC INVESTIGATION

REPORT OF STATE MINING BOARD

LIST OF MINE MANAGERS

LIST OF HOISTING ENGINEERS

LIST OF MINE EXAMINERS

REPORT OF DIVISION OF INSPECTION

Number of days worked inspecting mines.....	1,330
Number of days worked at other classified duties.....	1,426
Number of days worked at miscellaneous service.....	695
Total days worked.....	3,451
Average days for each inspector.....	288
Average number of mines inspected.....	116
Average number of days inspecting mines.....	111
Average number of days in other classified work.....	119
Average number of days in miscellaneous service.....	58

The following table gives a summary of the specific work done by the inspectors during the year and shows what per cent. of the time was spent in the various duties of their office and the number of days worked:

SUMMARY OF SPECIFIC WORK REPORT FOR YEAR ENDED JUNE 30, 1922

District	Inspecting mine s						Other classified duties— days worked							Miscel- laneous services		Total days	
	Ship- ping		Local		Total		Investigating accidents	Testing scales	Investigating complaints	Office work	Traveling	Total days in other classified duties	Per cent. of time in oth- er classified duties	Days worked	Per cent. of time		
	Number inspected	Days worked	Number inspected	Days worked	Number inspected	Days worked											
First	38	60	53	48	91	108	38.7	3	30	29	41	103	36.9	68	24.4	279	
Second	70	69	79	32	149	101	34.8	6	8	10	59	24	107	36.9	82	28.3	290
Third	65	61	368	143	433	204	73.9	2	1	12	16	31	11.2	41	14.9	276	
Fourth	88	131	49	33	137	164	53.8	6	3	48	37	2	96	31.5	45	14.7	305
Fifth	65	79	36	31	101	110	36.5	17	1	44	39	31	132	43.8	59	19.7	301
Sixth	58	115	14	9	72	124	42.8	18	7	20	35	22	102	35.2	64	22.0	290
Seventh	39	64	14	11	53	75	25.5	13	5	58	64	16	156	53.1	63	21.4	294
Eighth	81	81	...	...	81	81	26.1	8	16	50	107	...	181	58.4	48	15.5	310
Ninth	80	91	28	22	108	113	38.7	6	5	58	33	26	128	43.8	51	17.5	292
Tenth	34	81	...	...	34	81	27.6	18	4	85	35	19	161	54.8	52	17.6	294
Eleventh	43	58	6	6	49	64	22.1	16	5	60	10	27	118	40.8	107	37.1	289
Twelfth	71	99	10	6	81	105	45.5	24	14	25	28	20	111	48.1	15	6.4	231
Total	732	989	657	341	1,389	1,330	38.5	137	69	488	488	244	1,426	41.3	695	20.2	3,451

REPORT OF MINERS' EXAMINING BOARD

We, the Miners' Examining Board, submit to you our annual report for the fiscal year ending June 30, 1922. During the year one certificate has been cancelled, the name and number of certificate being Engra Landreth, 60,073, Cantrall. This certificate was cancelled for the reason that, upon a thorough investigation, it was proven beyond doubt that the man had not served sufficient time at the face mining coal. In connection with this case we have filed complaint with the States attorney of Sangamon County.

The date, place of meeting, and the result of the examinations held follow:

Date	Place of meeting	Number of applicants	Certificates issued	Number rejected	Revenue collected
July	11, 1921 Harrisburg	59	53	6	\$106.00
	12, 1921 Marion	140	122	18	244.00
	13, 1921 West Frankfort	165	135	30	270.00
	14, 1921 Sesser	73	48	25	96.00
	15, 1921 DuQuoin	102	94	8	188.00
	16, 1921 Collinsville	44	36	8	72.00
	18, 1921 Gillespie	38	38	.....	76.00
	19, 1921 Springfield	68	52	16	104.00
	20, 1921 Pana	12	12	.....	24.00
	21, 1921 Danville	14	14	.....	28.00
	22, 1921 Canton	25	20	5	40.00
	23, 1921 Peoria	37	37	.....	74.00
Aug.	6, 1921 Belleville	65	59	6	118.00
	8, 1921 Harrisburg	73	66	7	132.00
	9, 1921 Herrin	157	142	15	284.00
	10, 1921 West Frankfort	124	111	13	222.00
	11, 1921 Zeigler	139	110	29	220.00
	12, 1921 DuQuoin	116	116	.....	232.00
	13, 1921 Staunton	57	53	4	106.00
	18, 1921 Taylorville	41	36	5	72.00
	19, 1921 Danville	33	30	3	60.00
	20, 1921 LaSalle	91	80	11	160.00
	22, 1921 Peoria	37	27	10	54.00
	23, 1921 Springfield	71	58	13	116.00
Sept.	6, 1921 Decatur	30	30	.....	60.00
	7, 1921 Danville	7	5	2	10.00
	8, 1921 Canton	46	37	9	74.00
	8, 1921 Galesburg	47	38	9	76.00
	9, 1921 Rushville	9	9	.....	18.00
	9, 1921 Peoria	26	22	4	44.00
	10, 1921 Springfield	39	29	10	58.00
	15, 1921 Staunton	63	55	8	110.00
	16, 1921 Collinsville	84	74	10	148.00
	17, 1921 Harrisburg	166	151	15	302.00
	19, 1921 Herrin	322	297	25	594.00
	20, 1921 Benton	166	144	22	288.00
	21, 1921 DuQuoin	100	87	13	174.00
	22, 1921 Sparta	90	82	8	164.00
Oct.	4, 1921 Harrisburg	111	100	11	200.00
	5, 1921 Herrin	104	88	16	176.00
	6, 1921 West Frankfort	104	78	26	156.00
	7, 1921 Sesser	62	51	11	102.00
	8, 1921 DuQuoin	65	59	6	118.00
	10, 1921 Belleville	84	79	5	158.00
	11, 1921 Staunton	90	71	19	142.00
	12, 1921 Springfield	155	132	23	264.00
	13, 1921 Lincoln	29	29	.....	58.00
	14, 1921 Danville	68	54	14	108.00
	15, 1921 Pontiac	5	5	.....	10.00

Date	Place of meeting	Number of applicants	Certificates issued	Number rejected	Revenue collected
Oct. 17, 1921	Peoria	71	53	18	\$106.00
18, 1921	LaSalle	90	78	12	156.00
Nov. 1, 1921	Harrisburg	146	130	16	260.00
2, 1921	Johnston City	234	225	9	450.00
3, 1921	Benton	192	172	20	344.00
4, 1921	DuQuoin	95	85	10	170.00
5, 1921	Centralia	71	63	8	126.00
7, 1921	Collinsville	124	106	18	212.00
8, 1921	Gillespie	82	76	6	152.00
9, 1921	Nokomis	57	41	16	82.00
14, 1921	Springfield	172	140	32	280.00
15, 1921	Danville	31	30	1	60.00
16, 1921	Canton	77	69	8	138.00
17, 1921	Peoria	56	51	5	102.00
20, 1921	South Wilmington	14	12	2	24.00
Dec. 8, 1921	Belleville	126	117	9	234.00
9, 1921	Harrisburg	104	91	13	182.00
10, 1921	Herrin	325	289	36	578.00
12, 1921	West Frankfort	225	199	26	398.00
13, 1921	DuQuoin	126	112	14	224.00
14, 1921	Staunton	93	77	16	154.00
15, 1921	Carlinville	14	14		28.00
16, 1921	Springfield	108	104	4	208.00
17, 1921	Decatur	40	35	5	70.00
19, 1921	Danville	53	49	4	98.00
20, 1921	LaSalle	85	79	6	158.00
21, 1921	Peoria	47	44	3	88.00
Jan. 5, 1922	Decatur	20	20		40.00
7, 1922	Danville	19	15	4	30.00
9, 1922	Canton	30	26	4	52.00
10, 1922	Peoria	20	16	4	32.00
11, 1922	Springfield	67	54	13	108.00
12, 1922	Gillespie	46	40	6	80.00
13, 1922	Collinsville	79	69	10	138.00
14, 1922	Coalterville	60	52	8	104.00
14, 1922	Percy	45	45		90.00
16, 1922	DuQuoin	93	82	11	164.00
17, 1922	Harrisburg	64	56	8	112.00
18, 1922	Marion	130	117	13	234.00
19, 1922	Benton	162	150	12	300.00
Feb. 8, 1922	Belleville	126	122	4	244.00
9, 1922	Harrisburg	50	40	10	80.00
10, 1922	Herrin	111	101	10	202.00
11, 1922	West Frankfort	130	115	15	230.00
13, 1922	Sesser	70	62	8	124.00
14, 1922	DuQuoin	52	47	5	88.00
15, 1922	Staunton	64	47	17	94.00
16, 1922	Springfield	95	79	16	158.00
17, 1922	Lincoln	11	7	4	14.00
18, 1922	Danville	39	32	7	64.00
20, 1922	Peoria	35	25	10	50.00
21, 1922	Spring Valley	71	63	8	126.00
Mar. 1, 1922	Collinsville	25	22	3	44.00
2, 1922	Harrisburg	33	33		66.00
3, 1922	Carterville	51	47	4	94.00
4, 1922	Johnston City	59	56	3	112.00
6, 1922	Benton	65	56	9	112.00
7, 1922	DuQuoin	23	22	1	44.00
8, 1922	Staunton	27	20	7	40.00
9, 1922	Springfield	37	33	4	66.00
10, 1922	Taylorville	43	43		86.00
11, 1922	Danville	16	16		32.00
13, 1922	Canton	25	25		50.00
14, 1922	Peoria	12	11	1	22.00
April 17, 1922	Belleville	48	42	6	84.00
18, 1922	Harrisburg	20	16	4	32.00
19, 1922	Herrin	32	31	1	62.00
20, 1922	West Frankfort	13	11	2	22.00
21, 1922	DuQuoin	16	16		32.00
22, 1922	Centralia	24	22	2	44.00
24, 1922	Gillespie	18	17	1	34.00
25, 1922	Springfield	7	7		14.00

Date	Place of meeting	Number of applicants	Certificates issued	Number rejected	Revenue collected
April 26, 1922	Pana	20	16	4	\$ 32.00
27, 1922	Danville	20	15	5	30.00
28, 1922	Peoria	4	2	2	4.00
29, 1922	LaSalle	9	6	3	12.00
June 1, 1922	Springfield	6	6	.....	12.00
29, 1922	Springfield	5	5	.....	10.00
	Total	9,058	7,971	1,087	\$15,942.00

Total number of candidate examined.....	9,058
Total number of candidates rejected.....	1,087
Total number of certificates issued.....	7,971
Revenue collected.....	<u>\$15,942</u>

Rejections classified as follows:

Lack of evidence	700
Lack of English language.....	200
Lack of less than two years at face.....	100
No knowledge of mining law.....	87

Total	<u>1,087</u>
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Number of men claiming to have lost certificate by fire, theft, etc.....	500
Number of certificates issued to miners' sons under 21.....	701

Respectfully submitted,

WM. HALL, *President*,
 JOS. C. VIANO,
 BILLIE HOGAN,
 JOHN MULLIGAN, *Secretary*.

REPORT OF MINE RESCUE AND FIRST AID

The following is the fifth annual report of the Division of Mine Rescue and First Aid, and is for the year ending June 30, 1922:

FIRES AND EXPLOSIONS

The LaSalle team received the following calls:

On January 25 they were called to fight a fire in the LaSalle County Carbon Coal Co.'s mine at Peru and continued night and day until January 31, when fire was under control. They rescued a mine examiner 1,200 feet from the shaft bottom on January 25.

On February 26 they were again called to the same mine to fight fire and extinguished the fire by sealing it off.

Springfield Station received a call for pulmotor on April 6, 1922, to revive a man buried in the sewer.

October 13, 1921, called to Devereux mine to examine fire.

The DuQuoin Station received the following calls:

October 24, 1921, for use of pulmotor in DuQuoin.

October 24, 1921, to aid in fighting fire at the Paradise mine.

January 19, 1922, the team was called to fight the fire at Midway Coal Co.'s mine at Ward; the pumpman was found dead.

February 1, 1922, to open up the mine at Ward.

The Herrin Station received the following calls:

July 5, 1921, the team was called to assist at fire at mine "B" of the C. W. & F. Coal Co.

August 15, 1921, opened the seal at mine "B," C. W. & F. Coal Co.

September 10, 1921, assisted at explosion in Consolidated Coal Co.'s mine No. 8.

September 10, 1921, called to fight fire at mine No. 3 of the Hafer Washed Coal Co.

January 3, 1922, opened the seal at mine No. 8, Consolidated Coal Co.

January 17, 1922, called to fight fire at Pond Creek mine.

January 18, 1922, called to fight fire at Ward mine, DeSoto.

January 18, 1922, called to fight fire at Jeffery mine.

January 28, 1922, opened seal at Pond Creek mine.

February 4, 1922, opened seal at Jeffery mine.

April 16, 1922, call for pulmotor at Herrin.

May 21, 1922, call for pulmotor at Jeffery mine.

At each of the Mine Rescue Stations there is a team of five men who train at regular intervals so that in case of calls they will be in the very best condition to render efficient help in saving the lives of any men that might be caught in a mine, whether a fire has occurred or some other accident has taken place.

It is a matter of vital importance that persons wearing mine rescue apparatus should be physically fit and should understand the mechanism of the apparatus, also have a good general knowledge of mining and be able to understand mine plans, hence the need of constant practice and study.

During the year 1922, there was a decrease in the number of calls for Mine Rescue teams, due in part to the coal strike and partly because of greater care taken by the coal companies. As a whole the year was a little better than the average,

and we see no reason why that with the increased number of mine employees that are being trained in First Aid and Mine Rescue work that coal mine accidents should not decrease.

We desire to thank all who assisted in the work of the Division of Mine Rescue and First Aid and urge a greater number of mines accept the training that is being offered by the State in the work.

During the year, 1,341 certificates have been issued as follows:

933 First Aid certificates to miners; 72 to women, girls, and boys completing the First Aid course.

336 certificates have been given to miners completing the Mine Rescue work.

Respectfully submitted,

MARTIN BOLT, Assistant Director.

REPORT OF DIVISION OF ECONOMIC INVESTIGATION

JAMES E. ANDERSON, INVESTIGATOR

The report of this division follows the same general plan as that of former years.

The last legislature passed the Metal Mines Act and a new division was created to be known as the Fluorspar Inspection Division, consequently the report of Fluorspar, Lead, and Zinc has been eliminated and will appear in a separate volume later.

TABLE 1—LIMESTONE

Number	Name of operator and address of main office if other than that of plant	Location of plant		Production, quantity, in tons	Employees	Days worked	Explosives used	
		Post office	County				Powder, kegs	Dynamite, pounds
1	Alpha Portland Cement Co.	LaSalle.	LaSalle.	244,000	194	283	.....	80,000
2	Anna Stone Co.	Anna.	Union.	90,000	45	250	.....	18,000
3	Belvidere Stone Co.	Belvidere.	Boone.	30,000	15	150	.....	6,000
4	Brownell Improvement Co., Chicago.	Thornton.	Cook.	350,000	275	275	.....	27,000
5	Carrico Stone & Lumber Co.	Rockford.	Winnebago.	55,000	25	250	.....	12,000
6	Casper-Stolle Quarry & Contracting Co.	East St. Louis.	St. Clair.	141,365	14	300	.....	33,800
7	Charles Stone Co., The.	Marion.	Johnson.	69,845	15	240	.....	25,000
8	City of Chicago House of Correction	Chicago.	Cook.	42,931	100	224	.....	6,000
9	Chicago Union Lime Works Co.	Chicago.	Cook.	187,500	89	330	.....	30,000
10	Consumers Co., 111 West Washington St., Chicago.	Chicago.	Cook.	105,000	32	230	.....	12,000
	Same.	Lewistown.	Cook.	135,000	43	140	.....	60,670
	Same.	LaGrange.	Cook.	439,235	100	169	604	85,500
11	Dolsee & Shepherd Co., 108 South LaSalle St., Chicago.	LaGrange.	Cook.	364,216	77	209	.....	101,256
12	East St. Louis Stone Co.	East St. Louis.	St. Clair.	40,116	45	196	243	49,434
13	Elmhurst Chicago Stone Co.	Elmhurst.	DuPage.	226	8	199	.....	39,300
14	Federal Stone Co.	LaGrange.	Cook.	75,000	10	215	.....	80,000
15	Hawkes, John L.	Marshall.	Clark.	250	5	25	.....	850
16	Illinois Limestone Co., Robinson, Ill.	West York.	Clark.	2,937	5	50	.....	850
17	Illinois State Penitentiary	Joliet.	Will.	97,225	144	197	.....	32,000
18	Illinois Steel Co.	Peabody.	Vermilion.	1,333,470	240	300	.....	450,000
19	Johnson, Jonas	Peabody.	Winnebago.	17,700	1	120	.....	1,000
20	Lehigh Portland Cement Co.	Oglethorpe.	LaSalle.	349,344	350	321	.....	110,968
21	Lehigh Stone Co.	Kankakee.	Kankakee.	433,035	30	215	.....	158,750
22	Lincoln Crushed Stone Co.	Joliet.	Will.	57,000	3	200	.....	6,000
23	Marblehead Lime Co., 159 North State St., Chicago.	Quincy.	Adams.	7,908	28	300	.....	9,275
	Same.	Marblehead.	Adams.	9,889	32	300	.....	11,431
24	Meyer, W. D., 2nd and Washington Sts., Quincy.	Quincy.	Adams.	900	4	97	.....	275
25	Mississippi Lime & Material Co.	Alton.	Madison.	53,040	40	300	34	10,045
	Same.	do.	do.	53,896	25	18	10	1,439
	Same.	do.	do.	534	10	200	30	5,938
	Same.	do.	do.	16,913	20	50	.....	200
26	Peoples Crushed Stone Co.	Chicago.	Cook.	30,000	10	60	150	200
27	Port Byron Lime Association	Port Byron.	Rock Island.	375	12	150	.....	200
28	Reliance Whiting Co.	Alton.	Madison.	3,000	9	200	80	2,000
29	Roadler & Greenman Stone Co.	Quincy.	Adams.	5,500	240	300	.....	61,000
30	Sandusky Cement Co.	Dixon.	Lee.	250,000	66	308	.....	9,640
31	Stearns Lime & Stone Co.	Chicago.	Cook.	37,583	60	270	.....	80,000
32	Superior Stone Co.	LaGrange.	Cook.	126,918	100	176	150	7,000
33	Western Quarries Co., 104 South Michigan Ave., Chicago.	Le Roy.	Cook.	186,000	10	200	.....	9,200
34	Western Whiting & Mfg. Co.	Elmhurst.	Jersey.	9,847	12	220	.....	24,000
35	Utica Hydraulic Cement Co.	Utica.	LaSalle.	20,000	30	220	.....	24,000

TABLE 2—OIL AND GAS

Num- ber	Name of operator	Post office address of operator	County in which well is located	Num- ber of wells	Average depth in feet	Production		Em- ploy- ees	Explosives used, nitro- glycerine, quartz
						Oil, barrels of 42 gallons	Gas, 1,000 cubic feet		
1	American Oil Development Co.	1414 Oliver Bldg., Pittsburgh, Pa.	Clark	60	400	14,102		7	440
2	do	do	Clark	106	950	37,900		11	
	Associated Products Co.	Robinson, Ill.	Coles	13	400	2,622		1	
	do	do	Clark	178	400	76,826		19	1,590
	do	do	Crawford	994	1,000	288,614		88	90
	do	do	Lawrence	96	1,500	51,395		11	
3	do	do	Wabash	2	1,500	2,082		1	
	Central Refining Co.	Lawrenceville, Ill.	Lawrence	5	1,450	5,616		1	
	do	do	Wabash	156	1,300	111,434		40	
	do	do	Lawrence	298	1,100	81,612		41	
	do	do	Crawford	35	1,500	4,990		8	
4	do	do	Clark	8	590	528		1	
5	Lee and Frank Cole, Trustee	808 Columbia Bank Bldg., Pittsburgh, Pa.	Crawford	103	950	44,476		13	
	Craig & Lowrie	do	Lawrence	10	1,200	2,528		1	
6	do	do	Crawford	3	900	3,633		1	
7	DuBois Oil Co.	Du Bois, Pa.	Crawford	116	1,000	28,173		19	
8	Frechold Oil & Gas Co.	613 People's Gas Bldg., Pitts- burgh, Pa.	Crawford	43	847	11,497		5	
9	Hudson Oil Co.	Parkersburg, W. Va.	Clark	18	600	2,169		2	
10	Indian Refining Co.	do	Lawrence	229	1,500	265,902		53	
	do	do	Clark	55	1,800	16,740		10	
	do	do	Marton	8	1,500	7,562		4	
11	Jennings Oil Co.	Columbia Hall Bank, Pitts- burgh, Pa.	Lawrence	3	1,615	853		1	
12	Liberty Oil & Gas Co.	343 Pa. Ave., W., Warren, Pa.	Crawford	34	1,000	13,703		3	
13	Mallory & Crawford	do	Crawford	19	950	12,473		6	
14	W. C. McBride, Inc.	506 Olive St., St. Louis, Mo.	Crawford	39	1,050	13,075	4,500	10	
	do	do	Clark	32	860	4,504	425	6	
15	McBride & Shaw	Robinson, Ill.	Crawford	7	1,030	4	50,000	1	
16	New York Petroleum Co.	Parkersburg, W. Va.	Crawford	11	900	6,517		2	
17	Pemberton Oil & Gas Co.	do	Richland	19	1,450	18,250		1	120
18	Petro Oil & Gas Co.	Security Bldg., St. Louis, Mo.	Marion	10	780	11,850		6	
19	Sy Ramage	Oil City, Pa.	Crawford	10	950	2,666		2	
20	Louis & Adolph Schorhan	do	Crawford	9	880	1,988		1	
21	W. W. Stanc	560 Chambers Bldg., Oil City, Pa.	Crawford	15	900	5,641		3	
22	Schuyler Products Co.	Tulsa, Okla.	Crawford	68	950	60,361		10	

TABLE 2—Concluded

Num- ber	Name of operator	Post office address of operator	County in which well is located	Num- ber of wells	Average depth in feet	Production		Em- ploy- ees	Explosives used, nitro- glycerine, quarts
						Oil, barrels of 42 gallons	Gas, 1,000 cubic feet		
23	The Ohio Oil Co.	537 S. Main St., Findlay, Ohio	Clark	1,425	500	401,261	65,419	97	3,805
	Same	do	Clinton	115	1,060	69,386	.....	15	.....
	Same	do	Coles	9	450	584	.....	1	.....
	Same	do	Crawford	3,884	1,100	1,142,853	375,684	244	360
	Same	do	Cumberland	549	500	181,977	206,247	32	980
	Same	do	Hancock	11	450	1,791	.....	1	.....
	Same	do	Lawrence	2,553	1,300	2,671,001	522,820	260	1,628
	Same	do	Marion	31	1,560	26,986	.....	7	.....
	Same	do	Monroe	18	460	20,985	.....	3	820
	Same	do	McDonough	307	1,100	45,036	.....	17	.....
	Same	do	Wabash	4	1,100	3,335	.....	1	.....
24	The Pure Oil Co.	Columbus, Ohio	Clark	224	535	59,439	.....	14	.....
	Same	do	Cumberland	124	450	32,369	.....	7	.....
	Same	do	Wabash	58	875	16,700	.....	4	.....
	Same	do	Monroe	2	900	349	.....	2	.....
25	Wm. Thompson & Co.	Box 91, Scottsville, Ky	Lawrence	3	900	3,257	.....	1	.....
				1	1,840	511	.....	

a Not reported.

TABLE 3—SAND AND GRAVEL

Num- ber	Name of operator and address of main office if other than that of plant	Location of plant		Em- ployees	Days worked	Explosives used Powder, Dynamite, kegs pounds
		Post office	County			
1	American Sand & Gravel Co., 133 W. Wash. St., Chicago..	Algonquin	McHenry	20	300	
2	Ashelford, W. H.	Byron	Ogle	3	140	
3	Ashford Bros.	do	do	1	a	
4	Bardwell, H. U.	Dixon	Lee	5	a	
5	Barry Sand & Gravel Co., Lincoln, Ill.	Barry	Pike	5	11	
6	Eastwood Sand & Gravel Co.	Grayville	White	6	150	
7	Conkey, H. D., Mendota, Ill.	Yorkville	Kendall	10	200	
	Same	Oregon	Ogle	5	200	
8	Same	Moromis	Putnam	7	200	
9	Consumers Co., Beloit, Wis.	South Beloit	Winnebago	20	180	
10	Davis, T. B. & S. S.	Rock Island	Rock Island	3	35	
11	Dipper Bros.	Decatur	Macon	1	90	
12	Price, F. H.	Park Ridge	Cook	3	100	
13	Galesburg Sand & Gravel Co., Galesburg, Ill.	Burnett	Bureau	3	200	50
14	Galpin, T. L.	Elmwood	Peoria	a	200	
15	Golding & Larson	Wyand	Bureau	500	a	
16	Greenville Coarse Red Moulding Sand Co.	Greenville	Bond	10,000	185	10
17	Guertchton, W. F., Beloit, Wis.	South Beloit	Winnebago	5,400	2	a
18	Hendrickson, John	Baravia	Kane	3,641	68	
19	Hibbert, Geo. A. & Son, 1631 Lincoln Ave.	Peoria	Peoria	1	300	5
20	Hibby Canyon Sand Co., The	Ottawa	LaSalle	20,000	10	200
21	H. P. B. Sand & Gravel Co.	Rockford	Winnebago	300	200	
22	Hedinger, P. J.	Aurora	Will	753	1	a
23	Illinois Molding Sand & Material Co.	Joliet	Kane	1,007	6	208
24	Johnson Gravel Co.	Buda	Bureau	1,500	a	
25	Johnson, E. L.	Vandalia	Fayette	825	1	42
26	Joliet Gravel Co., Springfield, Ill.	Joliet	Will	22,861	20	163
27	Larson & Larson	Ritchey	Will	1,800	2	120
28	Lincoln Sand & Gravel Co.	Lincoln	Lozan	248,147	35	225
29	Lind Bros.	Joliet	Will	3,000	2	250
30	McGrath Sand & Gravel Co.	Mr. Carmel	Wabash	91,000	16	200
31	McGrath Sand & Gravel Co., Lincoln	do	do	400,000	50	225
32	Mississippi Lime & Material Co.	Pekin	Tazewell	41,955	5	250
33	Miss. Sand & Gravel Co., Iowa State Bank, Burlington, Ia.	Alton	Madison	100,000	20	200
34	Mo. Portland Cement Co., Post-Dispatch Bldg., St. Louis, Mo.	Kettsburg	Mercer	253,378	12	a
	Moline Consumers Co.	East St. Louis	St. Clair	81,665	3	286
	Same	Ottawa	LaSalle	97,495	6	a
	Same	Moline	do	do	3	a
35	Moore, E. T.	St. Charles	Kane	2,000	a	

TABLE 3—Concluded

Num- ber	Name of operator and address of main office if other than that of plant	Location of plant		Produc- tion, quantity, in tons	Em- ployees	Days worked	Explosives used	
		Post office	County				Powder, kegs	Dynamite, pounds
36	Munz Conra'h.....	Fairbury.....	Livingston.....	2,000	1	30	.....	.....
37	Noel Gravel Co.....	Palestine.....	Crawford.....	53,000	10	300	.....	.....
38	Nicol Gustav, Collinsville, Ill.....	Arenzville.....	Cass.....	6,000	4	110	.....	.....
39	Save.....	Greenville.....	Bond.....	4,000	5	80	.....	.....
40	Peoria Washed Sand & Gravel Co.....	Peoria.....	Peoria.....	80,000	12	200	.....	.....
41	Poynt, Geo. W., 133 West Washington St., Chicago.....	Algonquin.....	Peoria.....	85,915	11	139	.....	.....
42	Reed, A. Y.....	Elgin.....	McHenry.....	77,657	18	280	.....	.....
43	Richardson Sand Co., Chicago, Ill.....	Carpenterville.....	Kane.....	56,865	7	200	.....	200
44	Save.....	Coleman.....	Kane.....	100,379	18	200	.....	.....
45	River Grove Sand Co.....	Ritchey.....	Will.....	3,750	2	80	.....	.....
46	Rockford Sand & Gravel Co.....	Rockford.....	Winnebago.....	45,465	4	200	.....	.....
47	Rock Island Sand & Gravel Co.....	Rock Island.....	Rock Island.....	35,000	7	200	.....	.....
48	Rockton Moulding Sand Co.....	Rockton.....	Winnebago.....	3,000	3	128	.....	.....
49	Service Sand & Gravel Co.....	Rockford.....	Winnebago.....	9,000	6	132	.....	.....
50	Snier, W. H.....	Marseilles.....	LaSalle.....	3,738	3	4	.....	.....
51	Squaler, Ed. B., St. Louis, Mo.....	Greenville.....	Bond.....	1,915	4	20	.....	.....
52	Save.....	Collinsville.....	Madison.....	3,815	5	12	.....	.....
53	Seewart, B. B.....	Algonquin.....	McHenry.....	3,875	5	190	.....	.....
54	Servon, S. R.....	Peoria.....	Peoria.....	1,200	1	200	.....	4
55	Terry & Lewis, G. leburg, Ill.....	Gladstone.....	Henderson.....	54,870	5	230	.....	.....
56	Tellin, Mrs. Fred.....	Rockford.....	Winnebago.....	5,600	1	250	.....	.....
57	Velley, A. F.....	Rockford.....	do.....	2,024	1	151	.....	.....
58	Western Sand & Gravel Co.....	Springvalley.....	Bureau.....	37,923	4	300	.....	4,500
59	Wilkinson, C. W., Ottawa, Ill.....	Wedron.....	LaSalle.....	15,350	4	240	.....	.....
60	Wood, Beder & Sons Co., Moline, Ill.....	Rock Island.....	Rock Island.....	34,400	12	125	.....	.....
61	Worh, Beder & Sons Co.....	Blue Island.....	Cook.....	10,000	8	200	.....	.....
62	Yourcee-Roberts Sand Co.....	Chester.....	Randolph.....	50,000	6	250	.....	.....
63	Ziegler, Geo., 315 Broadway, Peoria, Ill.....	Peoria.....	Peoria.....	8,400	10	.....	.....	.....

a Not reported.

TABLE 4—SILICA

Number	Name of operator and address of main office if other than that of plant	Location of plant		Production, quantity, in tons	Employees	Days worked	Explosives used	
		Post office	County				Powder, kegs	Dynamite, pounds
1	American Silica Sand Co.	Utica	LaSalle	9,415	2	200	.....	4,000
2	Bautz Isco Co., Inc., Murphysboro, Ill.	Wolf Lake	Union	2,236	13	270	.....	1,400
3	Bellrose Standard Silica Co.	Ottawa	LaSalle	2,000	30	300	.....	15,000
4	Belou White Sand Co.	Millington	Kendall	25,000	20	250	.....	4,000
5	Grieb, Henry	Jonesboro	Union	1,263	2	^a	.....	.....
6	Illinois Valley Silica Co.	Ottawa	LaSalle	16,394	10	200	.....	11,000
7	International Silica Co., Cairo, Ill.	Tamms	Alexander	5,276	10	^a	.....	.....
8	National Silica Co.	Oregon	Oregon	76,049	35	280	.....	20,000
9	Ottawa Silica Co.	Ottawa	LaSalle	216,235	70	308	.....	50,000
10	Reynolds, E. J., Sand Co.	Utica	LaSalle	83,406	7	284	.....	8,050
11	Star Silica Co., 614 Commercial Ave., Cairo, Ill.	Tamms	Alexander	8,593	8	40	.....	300
12	Tamms Silica Co.	Tamms	Alexander	5,000	16	313	.....	3,000
13	Utica Fire Sand Co., Ottawa, Ill.	Utica	LaSalle	6,015	2	100	.....	1,000

^aNot reported.

TABLE 5—SHALE AND CLAY

Num- ber	Name of operator and address of main office if other than that of plant	Location of plant		Em- ployees	Days worked	Explosives used	
		Post office	County			Powder, kegs	Dynamite, pounds
1	Albion Brick Co.,	Albion	Edwards	42	210		6,000
2	Albion Shale Brick Co.,	Albion	Edwards	80	250		8,000
3	Anderson, Samuel, & Son,	Taylorville	Christian	11	175		
4	Ashland Brick & Tile Co.,	Ashland	Cass	7	120		
5	Assumption Clay Products Co.,	Assumption	Christian	10	150		
6	Bach Brick Co., 2647 Montrose Ave., Chicago	Chicago	Cook	15	174		
7	Baird Bros., The	Colchester	McDonough	67	174		
8	Barr Clay Co., The	Sycator	Livingston	14	200		20,000
9	Barron Brick Co.,	Roanoke	Woodford	175	155		3,325
10	Beale, J. M., & Co.,	Paw Paw	Lee	65	215		
11	Building Brick Co.,	Morris	Grundy	15	130		
12	Camargus Brick & Tile Works	Chicago Heights	Cook	6	90		
13	Carey Brick Co.,	Campus	Livingston	65	200		
14	Chicago Brick Co.,	Chicago	Cook	9	74		
15	Chicago Refractory & Fire Brick Co.,	Rivertale	Cook	100	220		
16	Clay Products Co., The, Brazil, Ind.	Ottawa	LaSalle	100	200		
17	Colchester Brick & Tile Co.,	Abingdon	Knox	21	212	584	736
18	Danville Brick Co., The	Colchester	McDonough	20	150		1,000
19	Decatur Brick Mfg. Co., Decatur, Ill.	Danville	Vermilion	28	168		
20	Eastern Illinois Clay Co.,	Springfield	Sangamon	140	270		
21	Gates Fire Clay Co.,	St. Anne	Kankakee	78	200	2	
22	Gen. Clay Co.,	Quincy	McDonough	2,250	40		
23	General Clay Products Corp.,	Colchester	McDonough	20	150		1,500
24	Haeger Brick & Tile Co., Aurora, Ill.	Quincy	St. Clair	20	181		
25	Hamilton Clay Mfg. Co.,	Belleville	Grundy	20	120		
26	Highland Brick & Tile Co.,	Hamilton	Hancock	7	216		600
27	Illinois Charcoal Chemical Co.,	Highland	Madison	40	200		2,950
28	Illinois Clay Products Co.,	Ulin	Pulaski	10	124		
29	Kankakee Tile & Brick Co.,	Oglesby	LaSalle	600	25		
30	Klauss Brick Co.,	Anna	Union	15	250	30	4,000
31	LaSalle Pressed Brick Co.,	Kankakee	Kankakee	12	123		
32	McLewig & Thomas Clay Products Co.,	Belleville	St. Clair	60	284		
33	McLaughlin Mining Co.,	Evansston	Cook	10	120		
34	Macomb Sewer Pipe Works,	LaSalle	LaSalle	33	90		
35	Marion Pressed Brick & Tile Co.,	St. Elmo	Fayette	10	200		
36	Mathiessen & Hegeler Zinc Co.,	Alsey	Scott	42	280		
37	Same	Macomb	McDonough	15	250	300	2,000
38	Marion Pressed Brick & Tile Co.,	Ray	McDonough	39	300		4,000
39	Martin, L. H., Tile Co.,	Marion	Shuyler	20	60		4,500
40	Mathiessen & Hegeler Zinc Co.,	Dwight	Livingston	15	110		
		LaSalle	LaSalle	10	120	5	
							639

41	Munson Bros. & Co.	Capron	Boone	1,600	4	225		
42	Murphysboro Pressed Brick Co.	Murphysboro	Jackson	88,752	115	277		600
43	National Brick Co., Chicago, Ill.	Chicago Heights	Cook	75,000	100	138		
	Same	Chicago Heights	Cook	120,000	100	231		
	Same	Deerfield	LaSalle	20,000	60	35		
44	National Fire Proofing Co.	Ottawa	LaSalle	50,000	150	202		
45	Oberschelo, H. G.	Princeton	Bureau	2,400	10	150		3,912
46	Peoria Brick & Tile Co.	East Peoria	Tazewell	20,637	74	180	443	1,200
47	Poston Brick Co.	Springfield	Sangamon	40,800	45	300		
48	Pratt, Walter M., Belvidere, Ill., Route 2	Marion	LaSalle	108,636	6	100		
49	Purinton Paving Brick Co., The	Galena	Knox	6,281	400	122	945	3,008
50	Rapp Clay Products Co.	East Peoria	Tazewell	53,817	50	291	60	838
51	Springfield Paving Brick Co.	Springfield	Sangamon	42,200	70	271	110	
52	Stoneware Pipe Co., The	East Alton	Marion	24,824	24	300	24	600
53	Streator Brick Co.	Streator	LaSalle	24,824	75	149		100
54	Streator Drain Tile Co.	LaSalle	LaSalle		65	300		300
55	Stukee, Mrs. Chas. A.	Chicago	Henry	51,440	2	10		
56	Tuthill Building Material Co.	Chicago	Cook	51,000	92	300		
57	Western Brick Co., No. 1	Danville	Vermilion	243,899	290	297		
	Same	Danville	Vermilion	29,540	55	304		7,000
	Same	Danville	Vermilion	50,000	50	308		10,000
58	Western Fire Brick Co., Granite City, Ill.	Elco	Alexander	620	4	70	20	400
59	West Salem Hollow Brick & Tile Co.	West Salem	Edwards	15,000	23	225		6,500
60	Whiteacre-Gear Fireproofing Co.	Chicago Heights	Cook	24,000	55	230		
61	White Hall Sower Pipe & Stoneware Co.	White Hall	Greene	53,070	20	250		2,000
62	Witt & Churchill	Fredrick	Schuyler	500	4	200		200
63	Woodland Clay Co.	Woodland	Iroquois	11,250	32	300		50
64	Wyatt, J. V.	White Hall	Greene	5,000	12	225		1,000

a. Not reported.

TABLE 6—LIMESTONE

Number	County	Number of		Production, quantity, tons	Num- ber em- ploy- ed	Aver- age days work- ed	Explosives used	
		Opera- tors	Plants				Powder, kegs	Dynamite, pounds
1	Adams.....	3	4	23,897	73	224	80	22,981
2	Boone.....	1	1	30,000	15	150	.....	6,000
3	Clark.....	2	2	3,187	10	38	.....	900
4	Cook.....	10	12	2,079,383	737	210	754	499,066
5	Dupage.....	1	1	226	8	199*	.....	39,300
6	Jersey.....	1	1	9,847	12	200	.....	200
7	Johnson.....	1	1	69,845	15	240	.....	25,000
8	Kankakee.....	1	1	433,035	30	215	.....	158,750
9	LaSalle.....	3	3	613,344	574	275	.....	214,968
10	Lee.....	1	1	250,000	240	300	.....	61,000
11	Madison.....	2	5	107,383	107	184	74	17,622
12	Rock Island.....	1	1	375	12	60	150	200
13	St. Clair.....	2	2	181,481	59	248	243	38,234
14	Union.....	1	1	90,000	45	250	.....	18,000
15	Vermilion.....	1	1	1,333,470	240	300	.....	450,000
16	Will.....	2	2	127,225	147	199	.....	38,000
17	Winnebago.....	2	2	72,700	26	185	.....	13,000
Total.....		35	41	5,425,398	2,350	198	1,301	1,603,221

TABLE 7—OIL AND GAS

Number	County	Number of operators	Number of wells	Oil, barrels of 42 gal.	Gas—M cubic feet	Number employed	Nitroglyc- erine, quarts
1	Clark.....	9	2,035	580,559	65,844	164	5,835
2	Clinton.....	1	115	69,356	.....	15	.....
3	Coles.....	2	22	3,206	.....	2	.....
4	Crawford.....	18	5,817	1,771,916	430,184	464	450
5	Cumberland.....	2	673	214,346	206,247	39	980
6	Hancock.....	1	11	1,791	.....	1	.....
7	Lawrence.....	7	3,048	3,103,624	522,820	366	1,628
8	Marion.....	3	49	46,398	.....	17	.....
9	McDonough.....	1	307	45,036	.....	17	.....
10	Monroe.....	2	21	24,242	.....	4	820
11	Richland.....	1	19	18,250	.....	1	120
12	Wabash.....	4	13	11,412	.....	5	.....
Total.....		51	12,130	5,890,136	1,225,095	1,095	9,833

TABLE 8—SAND AND GRAVEL

Number	County	Number of		Production, quantity, tons	Num- ber em- ploy- ed	Aver- age days work- ed	Explosives used	
		Opera- tors	Plants				Powder, kegs	Dynamite, pounds
1	Bond	3	3	15,000	15	95		10
2	Bureau	4	4	71,701	7	175		50
3	Cass	1	1	6,000	4	110		
4	Cook	2	2	16,000	11	113		
5	Crawford	1	1	53,000	10	300		
6	Fayette	1	1	825	1	42		
7	Henderson	1	1	54,870	5	230		
8	Kane	5	6	241,295	51	249		200
9	Kendall	1	1	76,358	10	200		
10	LaSalle	4	5	218,258	26	262		4,700
11	Lee	1	1	300	5			
12	Livingston	1	1	2,000	1	30		
13	Logan	1	1	248,147	35	225		
14	Macon	1	1	4,404	1	90		
15	Madison	2	2	42,470	9	131		
16	Mercer	1	1	100,000	20	200		
17	McHenry	3	3	278,534	35	210		
18	Ogle	3	3	16,362	9	170		
19	Peoria	5	5	92,850	24	230		9
20	Pike	1	1	1,489	5	11		
21	Putnam	1	1	32,343	7	200		
22	Randolph	1	1	50,000	6	200		
23	Rock Island	3	3	70,893	22	158		500
24	St. Clair	1	1	253,378	12			
25	Tazewell	1	1	400,000	50	225		
26	Wabash	1	1	91,000	16	200		
27	White	1	1	13,000	6	150		
28	Will	5	5	32,421	32	164		
29	Winnebago	8	8	259,109	39	191		
Total		60	66	2,742,007	474	159		5,469

TABLE 9—SILICA

Number	County	Number of		Production, quantity, tons	Num- ber em- ploy- ed	Aver- age days work- ed	Explosives used	
		Opera- tors	Plants				Powder, kegs	Dynamite, pounds
1	Alexander	3	3 *	10,869	34	177		3,300
2	Kendall	1	1	25,000	20	250		4,000
3	LaSalle	6	6	333,465	121	232		89,000
4	Ogle	1	1	76,049	35	280		20,000
5	Union	2	2	3,499	15	270		1,400
Total		13	13	448,882	225	254		117,700

TABLE 10—SHALE AND CLAY

Number	County	Number of		Production, Quantity, tons	Num- ber em- ploy- ed	Aver- age days work- ed	Explosives used	
		Opera- tors	Plants				Powder, kegs	Dynamite, pounds
1	Adams	1	1	9,000	20	181		
2	Alexander	1	1	620	4	70	20	400
3	Boone	1	1	1,600	4	225		
4	Bureau	1	1	2,400	10	150		
5	Cass	1	1	400	7	120		
6	Christian	2	2	16,500	21	163		
7	Cook	8	9	522,077	712	201		
8	Edwards	3	3	55,920	145	228		20,500
9	Fayette	1	1	14,000	42	280		2,000
10	Greene	2	2	58,070	32	238		3,000
11	Grundy	2	2	6,410	13	153		600
12	Hancock	1	1	2,900	40	200		2,050
13	Henry	1	1	140	2	10		
14	Iroquois	1	1	11,250	32	300		50
15	Jackson	1	1	88,752	115	277		600
16	Kankakee	2	2	30,250	100	265		
17	Knox	2	2	114,636	420	136	945	4,008
18	Lake	1	1	20,000	90	35		
19	LaSalle	8	8	158,851	345	179	619	5,136
20	Lee	1	1	1,850	15	130		
21	Livingston	3	3	53,877	194	116		3,325
22	Madison	2	2	2,520	34	212	24	600
23	McDonough	4	4	52,057	101	205		25,800
24	Pulaski	1	1	600	5	25		
25	Sangamon	3	3	120,086	193	257	112	1,200
26	Schuyler	2	2	2,700	24	130		700
27	Scott	1	1	4,848	15	280	300	250
28	St. Clair	2	2	31,800	30	120		
29	Tazewell	2	2	26,918	102	221	503	4,770
30	Union	1	1	2,000	12	123		
31	Vermilion	2	4	390,939	535	227		17,000
32	Williamson	1	1	4,476	15	110		
33	Woodford	1	1	29,702	65	215		
Total		66	69	1,854,149	3,494	188	2,523	91,989

TABLE 11—AMOUNT OF EXPLOSIVES USED IN THOSE PLANTS WHERE SOME EXPLOSIVES ARE NECESSARY IN MINING THE PRODUCT, ARRANGED BY COUNTIES

Number	County	Kind of product	Number of		Explosives used			
			Opera- tors	Plants	Powder, kegs	Dynamite, pounds	Nitro- glycer- ine, quarts	
1	Adams	Limestone	3	4	80	22,981		
2	Alexander	Shale and clay	1	1	20	400		
	Same	Silica	3	3		3,300		
3	Bond	Sand and gravel	3	3		10		
4	Boone	Limestone	1	1		6,000		
5	Bureau	Sand and gravel	4	4		50		
6	Clark	Limestone	2	2		900		
	Same	Oil and gas	9	2,035			5,835	
7	Cook	Limestone	10	12	754	499,066		
8	Crawford	Oil and gas	18	5,817			450	
9	Cumberland	do	2	673			980	
10	Dupage	Limestone	1	1		39,300		
11	Edwards	Shale and clay	3	3		20,500		
12	Fayette	do	1	1		2,000		
13	Greene	do	2	2		3,000		
14	Grundy	do	2	2		600		
15	Hancock	do	1	1		2,050		
16	Iroquois	do	1	1		50		
17	Jackson	do	1	1		600		
18	Jersey	Limestone	1	1		200		
19	Johnson	do	1	1		25,000		
20	Kane	Sand and gravel	5	6		200		
21	Kankakee	Limestone	1	1		158,750		
22	Kendall	Silica	1	1		4,000		
23	Knox	Shale and clay	2	2	945	4,008		
24	LaSalle	Limestone	3	3		214,968		
	Same	Sand and gravel	4	5		4,700		
	Same	Shale and clay	8	8	619	5,136		
	Same	Silica	6	6		89,000		
25	Lawrence	Oil and gas	7	3,048			1,628	
26	Lee	Limestone	1	1		61,000		
27	Livingston	Shale and clay	3	3		3,325		
28	Madison	Limestone	2	5	74	17,622		
	Same	Shale and clay	2	2	24	600		
29	McDonough	do	4	4		25,800		
30	Monroe	Oil and gas	2	21			820	
31	Ogle	Silica	1	1		20,000		
32	Peoria	Sand and gravel	5	5		9		
33	Richland	Oil and gas	1	19			120	
34	Rock Island	Limestone	1	1	150	200		
	Same	Sand and gravel	3	3		500		
35	Sangamon	Shale and clay	3	3	112	1,200		
36	Schuyler	do	2	2		700		
37	Scott	do	1	1	300	250		
38	St. Clair	Limestone	2	2	243	38,234		
39	Tazewell	Shale and clay	2	2	503	4,770		
40	Union	Limestone	1	1		18,000		
	Same	Silica	2	2		1,400		
41	Vermilion	Limestone	1	1		450,000		
	Same	Shale and clay	2	4		17,000		
42	Will	Limestone	2	2		38,000		
43	Winnebago	do	2	2		13,000		
Total			152	11,736	3,824	1,818,374	9,833	

TABLE 12—COUNTY, NUMBER OF OPERATORS, PLANTS,

Number	County	Limestone					Oil and gas				Em- ploy- ees
		Number		Produc- tion, tons	Em- ploy- ees	Days work- ed	Number		Production		
		Op- era- tors	Plants				Op- era- tors	Wells	Oil, barrels 42 Gal.	Gas, 1,000 Cu. Ft.	
1	Adams	3	4	23,897	73	224					
2	Alexander										
3	Bond										
4	Boone	1	1	30,000	15	150					
5	Bureau										
6	Cass										
7	Christian										
8	Clark	2	2	3,187	10	38	9	2,035	580,559	65,844	164
9	Clinton						1	115	69,356		15
10	Coles						2	22	3,206		2
11	Cook	10	12	2,079,383	737	210					
12	Crawford						18	5,817	1,771,916	430,184	464
13	Cumberland						2	673	214,346	206,247	39
14	DuPage	1	1	226	8	199					
15	Edwards										
16	Fayette										
17	Greene										
18	Grundy										
19	Hancock						1	11	1,791		1
20	Henderson										
21	Henry										
22	Iroquois										
23	Jackson										
24	Jersey	1	1	9,847	12	200					
25	Johnson	1	1	69,845	15	240					
26	Kane										
27	Kankakee	1	1	433,035	30	215					
28	Kendall										
29	Knox										
30	Lake										
31	LaSalle	3	3	613,344	574	275					
32	Lawrence						7	3,048	3,103,624	522,820	366
33	Lee	1	1	250,000	240	300					
34	Livingston										
35	Logan										
36	Macon										
37	Madison	2	5	107,383	107	184					
38	Marion						3	49	46,398		17
39	McDonough						1	307	45,036		17
40	McHenry										
41	Mercer										
42	Monroe						2	21	24,242		4
43	Ogle										
44	Peoria										
45	Pike										
46	Pulaski										
47	Putnam										
48	Randolph										
49	Richland						1	19	18,250		1
50	Rock Island	1	1	375	12	60					
51	Sangamon										
52	Schuyler										
53	Scott										
54	St. Clair	2	2	181,481	59	248					
55	Tazewell										
56	Union	1	1	90,000	45	250					
57	Vermilion	1	1	1,333,470	240	300					
58	Wabash						4	13	11,412		5
59	White										
60	Will	2	2	127,225	147	199					
61	Williamson										
62	Winnebago	2	2	72,700	26	185					
63	Woodford										
Total		35	41	5,425,398	2,350	198	51	12,130	5,890,136	1,225,095	1,095

aNot stated.

PRODUCTION, EMPLOYEES, AND AVERAGE DAYS WORKED

Sand and gravel					Shale and clay					Silica				
Number		Production, tons	Em- ploy- ees	Days work- ed	Number		Production, tons	Em- ploy- ees	Days work- ed	Number		Production, tons	Em- ploy- ees	Days work- ed
Op- era- tors	Plants				Op- era- tors	Plants				Op- era- tors	Plants			
					1	1	9,000	20	181					
3	3	15,000	15	95	1	1	620	4	70	3	3	10,869	34	177
4	4	71,701	7	175	1	1	1,600	4	225					
1	1	6,000	4	110	1	1	2,400	10	150					
					2	2	400	7	120					
							16,500	21	163					
2	2	16,000	11	113	8	9	522,077	712	201					
1	1	53,000	10	300										
1	1	825	1	42	3	3	55,920	145	228					
					2	2	14,000	42	280					
					2	2	58,070	32	238					
					2	2	6,410	13	153					
1	1	54,870	5	230	1	1	2,900	40	200					
					1	1	140	2	10					
					1	1	11,250	32	300					
					1	1	88,752	115	277					
5	6	241,275	51	249	2	2	36,250	100	265					
1	1	76,358	10	200	2	2	114,636	420	136	1	1	25,000	20	250
4	5	218,258	26	262	1	1	20,000	90	35					
1	1	300	5	a	8	8	168,851	345	179	6	6	333,465	121	232
1	1	2,000	1	30	1	1	1,850	15	130					
1	1	248,147	35	225	3	3	53,877	194	116					
1	1	4,404	1	90										
2	2	42,470	9	131	2	2	2,520	34	212					
3	3	278,534	35	210	4	4	52,057	101	205					
1	1	100,000	20	200										
3	3	16,362	9	170						1	1	76,049	35	280
5	5	92,850	24	230										
1	1	1,489	5	11										
1	1	32,343	7	200	1	1	600	5	25					
1	1	50,000	6	200										
3	3	70,893	22	158										
					3	3	120,086	193	257					
					2	2	2,700	24	130					
					1	1	4,848	15	280					
1	1	253,378	12	a	2	2	31,800	30	120					
1	1	400,000	50	225	2	2	26,918	102	221					
					1	1	2,000	12	123	2	2	3,499	15	270
					2	4	390,939	535	227					
1	1	91,000	16	200										
1	1	13,000	6	150										
5	5	32,421	32	164										
					1	1	4,476	15	110					
8	8	259,109	39	291										
					1	1	29,702	65	215					
60	66	2,742,007	474	159	66	69	1,854,149	3,494	188	13	13	448,882	225	254

TABLE 13—SUMMARY BY COUNTIES, INDUSTRY, NUMBER OF OPERATORS, NUMBER OF PLANTS, NUMBER OF EMPLOYEES, AVERAGE DAYS WORKED, AND AMOUNT OF PRODUCTS

Number	County	Industry	Number of			Average days worked	Production, in tons
			Operators	Plants	Employees		
1	Adams	Limestone	3	4	73	224	23,897
	Same	Shale and clay	1	1	20	181	9,000
2	Alexander	do	1	1	4	70	620
	Same	Silica	3	3	34	177	10,869
3	Bond	Sand and gravel	3	3	15	95	15,000
4	Boone	Limestone	1	1	15	150	30,000
	Same	Shale and clay	1	1	4	225	1,600
5	Bureau	Sand and gravel	4	4	7	175	71,701
	Same	Shale and clay	1	1	10	150	2,400
6	Cass	Sand and gravel	1	1	4	110	6,000
	Same	Shale and clay	1	1	7	120	400
7	Christian	do	2	2	21	163	16,500
8	Clark	Limestone	2	2	10	38	3,187
	Same	Oil and gas	9	2,035	164		<i>a</i> 580,559
							<i>b</i> 65,844
9	Clinton	Oil and gas	1	115	15		<i>a</i> 69,356
10	Coles	do	2	22	2		<i>a</i> 3,206
11	Cook	Limestone	10	12	773	210	2,079,383
	Same	Sand and gravel	2	2	11	113	16,000
	Same	Shale and clay	8	9	712	201	522,077
12	Crawford	Oil and gas	18	5,817	464		<i>a</i> 1,771,916
	Same	Sand and gravel	1	1	10	300	<i>b</i> 430,184
13	Cumberland	Oil and gas	2	673	39		<i>a</i> 53,000
							<i>b</i> 214,346
14	DuPage	Limestone	1	1	8	199	226
15	Edwards	Shale and clay	3	3	145	228	55,920
16	Payette	Sand and gravel	1	1	1	42	825
	Same	Shale and clay	1	1	42	280	14,000
17	Greene	do	2	2	32	238	58,070
18	Grundy	do	2	2	13	153	6,410
19	Hancock	Oil and gas	1	11	1		<i>a</i> 1,791
	Same	Shale and clay	1	1	40	200	2,900
20	Henderson	Sand and gravel	1	1	5	230	54,870
21	Henry	Shale and clay	1	1	2	10	140
22	Iroquois	do	1	1	32	300	11,250
23	Jackson	do	1	1	115	277	88,752
24	Jersey	Limestone	1	1	12	200	9,847
25	Johnson	do	1	1	15	240	69,845
26	Kane	Sand and gravel	5	6	51	249	241,295
27	Kankakee	Limestone	1	1	30	215	433,035
	Same	Shale and clay	2	2	100	265	36,250
28	Kendall	Sand and gravel	1	1	10	200	76,358
	Same	Silica	1	1	20	250	25,000
29	Knox	Shale and clay	2	2	420	136	114,636
30	Lake	do	1	1	90	35	20,000
31	LaSalle	Limestone	3	3	574	275	613,344
	Same	Sand and gravel	4	5	26	262	218,258
	Same	Shale and clay	8	8	345	179	168,851
	Same	Silica	6	6	121	232	333,465
32	Lawrence	Oil and gas	7	3,048	866		<i>a</i> 3,103,624
							<i>b</i> 522,820
33	Lee	Limestone	1	1	240	300	250,000
	Same	Sand and gravel	1	1	5		<i>c</i> 3,000
	Same	Shale and clay	1	1	15	130	1,850
34	Livingston	Sand and gravel	1	1	1	30	2,000
	Same	Shale and clay	3	3	194	116	53,877
35	Logan	Sand and gravel	1	1	35	225	248,147
36	Macon	do	1	1	1	90	4,404
37	Madison	Limestone	2	5	107	184	107,383
	Same	Sand and gravel	2	2	9	131	42,470
	Same	Shale and clay	2	2	34	212	2,520
38	Marion	Oil and gas	3	49	17		<i>a</i> 46,398
39	McDonough	do	1	307	17		<i>a</i> 45,036
	Same	Shale and clay	4	4	101	205	52,057
40	McHenry	Sand and gravel	3	3	35	210	278,534
41	Mercer	do	1	1	20	200	100,000
42	Monroe	Oil and gas	2	21	4		<i>a</i> 24,242

TABLE 13—Concluded

Number	County	Industry	Number of			Average days worked	Production, in tons
			Opera- tors	Plants	Em- ployees		
43	Ogle	Sand and gravel	3	3	9	170	16,362
	Same	Silica	1	1	35	280	76,049
44	Peoria	Sand and gravel	5	5	24	230	92,850
45	Pike	do	1	1	5	11	1,489
46	Pulaski	Shale and clay	1	1	5	25	600
47	Putnam	Sand and gravel	1	1	7	200	32,343
48	Randolph	do	1	1	6	200	50,000
49	Richland	Oil and gas	1	19	1		<i>a</i> 18,250
50	Rock Island	Limestone	1	1	12	60	375
	Same	Sand and gravel	3	3	22	158	70,893
51	Sangamon	Shale and clay	3	3	193	257	120,086
52	Schuyler	do	2	2	24	130	2,700
53	Scott	do	1	1	15	280	4,848
54	St. Clair	Limestone	2	2	59	248	181,481
	Same	Sand and gravel	1	1	12	<i>c</i>	253,378
	Same	Shale and clay	2	2	30	120	31,800
55	Tazewell	Sand and gravel	1	1	50	225	400,000
	Same	Shale and clay	2	2	102	221	26,918
56	Union	Limestone	1	1	45	250	90,000
	Same	Shale and clay	1	1	12	123	2,000
	Same	Silica	2	2	15	270	3,499
57	Vermilion	Limestone	1	1	240	300	1,333,470
	Same	Shale and clay	2	4	535	227	<i>a</i> 390,939
58	Wabash	Oil and gas	4	13	5		11,412
	Same	Sand and gravel	1	1	16	200	91,000
59	White	do	1	1	6	150	13,000
60	Will	Limestone	2	2	147	199	127,225
	Same	Sand and gravel	5	5	32	164	32,421
61	Williamson	Shale and clay	1	1	15	110	4,476
62	Winnebago	Limestone	2	2	26	185	72,700
	Same	Sand and gravel	8	8	39	291	259,109
63	Woodford	Shale and clay	1	1	65	215	29,702

*a*Barrels of oil.*b*1,000 cubic feet of gas.*c*Not reported.

ACCIDENTS

During the year two fatal and 125 non-fatal accidents occurred in the various industries embraced in this report. The two fatal accidents occurred in the following manner:

August 24, 1921, I. Hubbard, employed by the Albion Shale Brick Co., at Albion, as a shale loader, was working in the pit when some clay fell on him, knocked his head against the car he was loading, breaking his jaw in four places. He was taken to the sanitarium at Olney, where he died September 4.

Mr. Hubbard was 50 years old. He leaves a widow and two dependent children.

January 19, 1922, Henry Meyer, age 60 years, employed by C. Stolle Quarries & Construction Co., at East St. Louis, as a powder man, was loading a deep blast hole when a premature explosion of dynamite occurred in the hole, blowing the top of his head off. The coroner's jury rendered a verdict of accidental death.

The non-fatal accidents given here are those only involving a loss of time—one day or more—and are as follows:

NON-FATAL CASUALTIES IN THE VARIOUS INDUSTRIES FOR THE YEAR ENDING JUNE 30, 1922

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Date of injury 1921	Name	Age	Occupation	Residence	Name of operator of plant	Character of injury and cause of accident	Time lost, days
July 1	N. Suznick	31	Laborer	Lemont	Western Quarries Co.	Back strained, lifting rock	2
July 3	F. DeSantis	45	Quarryman	Chicago	Chicago Union Lime Works	Hand injured, falling stone	15
July 6	Arnt Thompson	31	Garage Supt.	Chicago	Chicago Union Lime Works	Thumb injured, repairing truck	3
July 6	Peter Lencorin	a	Driller	Gary	Delese & Shepherd Co.	Hand injured, sliding rock	5
July 7	John Paskulio	a	Truckman	Gary	Delese & Shepherd Co.	Ankle cut, adze	8
July 12	Wm. Wheelstone	54	Pumper	Robinson	Associated Producers Co.	Body burned, burning gas	141
July 13	John S. Paul	32	Digger	Alton	Mississippi Lime & Material Co.	Ankle injured, rolling shale	12
July 13	Charles Combs	29	Quarryman	Alton	Mississippi Lime & Material Co.	Body bruised (a)	16
July 20	Raymond Gough	33	Laborer	Marblehead	Marblehead Lime Co.	Finger injured, coupling cars	9
July 21	Fred Loedlhart	45	Driller	Stolle	C. Stolle Quarry & Construction Co.	Eye injured, flying dust	1
July 25	J. Demagalski	30	Laborer	Lemont	Western Quarries Co.	Toe injured, falling rock	4
July 27	Charles Langer	28	Laborer	Lemont	Western Quarries Co.	Hand injured, fell down	20
Aug. 1	C. H. Warren	35	Auto repairer	Lombard	Western Quarries Co.	Eye cut, flying steel	18
Aug. 2	Wm. Rieck	29	Switchman	Lemont	Chicago Union Lime Works	Head injured, falling stone	6
Aug. 3	P. Zerzi	45	Quarryman	Chicago	Chicago Union Lime Works	Knee injured, falling stone	30
Aug. 4	T. Bittid	31	Quarryman	Chicago	Chicago Union Lime Works	Finger injured, drill	10
Aug. 5	Elmer Effen	17	Engineer	St. Louis	C. Stolle Quarry & Construction Co.	Body burned, burning gas	15
Aug. 9	Henry Yonthau	31	Quarryman	Alton	Mississippi Lime & Material Co.	Toe injured, lifting rock	6
Aug. 11	S. Singerski	30	Laborer	Lemont	Western Quarries Co.	Fingers injured, caught between boxes	4
Aug. 12	R. Burgtorf	31	Laborer	Marblehead	Marblehead Lime Co.	Leg injured, car turned over	39
Aug. 17	Wm. Huff	47	Pinman	Gary	Delese-Shepherd Co.	Arm injured, scratched by wire	2
Aug. 18	M. Marco	32	Laborer	Lemont	Western Quarries Co.	Finger cut, caught between stones	3
Aug. 19	I. Poholski	30	Laborer	Lemont	Western Quarries Co.	Toe injured, falling stone	1
Aug. 20	Frank Kobay	40	Laborer	Alton	Mississippi Lime & Material Co.	Hand injured, falling rock	15
Aug. 26	Joe Douglas	18	Laborer	Alton	Mississippi Lime & Material Co.	Hand cut, lifting rock	16
Aug. 26	P. Skitt	20	Laborer	Lemont	Western Quarries Co.	Ankle broken, falling stone	45
Aug. 26	R. Lasco	45	Laborer	Chicago	Chicago Union Lime Works	Head injured, fell down	11
Aug. 26	Charles Bowman	38	Kiln fireman	Marblehead	Marblehead Lime Co.	Finger injured, poker	7
Aug. 26	J. McNamee	42	Quarryman	Chicago	Chicago Union Lime Works	Foot injured, rolling stone	4
Aug. 31	Ernest Henson	19	Quarryman	Alton	Mississippi Lime & Material Co.	Head injured, car door	2
Sept. 1	I. Shuck	31	Quarryman	Chicago	Chicago Union Lime Works	Fingers injured, caught in drill	20
Sept. 2	Charles Warr	50	Quarryman	Alton	Mississippi Lime & Material Co.	Body injured, lifting rock	1
Sept. 6	Man Kiek	35	Pinman	Gary	Delese-Shepherd Co.	Leg broken, rolling stone	30
Sept. 7	John Lyden	60	Cruiser feeder	Stolle	C. Stolle Quarry & Construction Co.	Eye injured, flying rock	7
Sept. 7	P. Russell	67	Laborer	Kankakee	Kankakee Tile & Brick Co.	Shoulder dislocated, fell off runway	1
Sept. 8	V. Smith	31	Laborer	Lemont	Western Quarries Co.	Back injured, lifting rails	3
Sept. 9	S. Builworth	34	Laborer	Lemont	Western Quarries Co.	Foot injured, falling stone	4
Sept. 10	Wm. Bowman	24	Quarryman	Alton	Mississippi Lime & Material Co.	Arms injured, rolling rock	2
Sept. 12	G. Bernard	40	Quarryman	Chicago	Chicago Union Lime Works	Foot injured, rolling rock	6
Sept. 12	Ocie McNutt	20	Laborer	Cyprus	The Charles Store Co.	Shoulder injured, falling stone	9

NON-FATAL CASUALTIES IN THE VARIOUS INDUSTRIES FOR THE YEAR ENDING JUNE 30, 1922—Continued

Date of injury 1921	Name	Age	Occupation	Residence	Name of operator of plant	Character of injury and cause of accident	Time, lost, days
Sept. 1	Joe Kosciyuck	28	Laborer	Joliet	Western Quarries Co.	Rupture, heavy lifting	18
Sept. 20	Sam Bardusky	59	Laborer	Lemont	Western Quarries Co.	Body injured, struck by bar	*
Sept. 21	Henry Baird	39	Quarryman	Alton	Mississippi Lime & Material Co.	Hand injured, (a)	5
Sept. 22	James Cannon	41	Quarryman	Alton	Mississippi Lime & Material Co.	Hand injured, flying rock	9
Sept. 23	Clifford Grazer	22	Laborer	East Peoria	Rapp Clay Products Co.	Body injured, fell	2
Sept. 24	E. Hersman	17	Laborer	White Hall	White Hall Sewer Pipe Co.	Finger injured, falling clay	4
Sept. 26	L. M. Reeves	58	Driller	Albion	Albion Shale Brick Co.	Rib broken, falling shale	37
Oct. 1	Carl Erickson	25	Electrician	Lemont	Western Quarries Co.	Finger injured, caught between objects	3
Oct. 3	Fred Lockhart	45	Driller	Stolle	C. Stolle Quarry & Construction Co.	Head injured, struck with wrench	5
Oct. 4	Joe Arlo	50	Quarryman	Alton	Mississippi Lime & Material Co.	Head injured, flying rock	9
Oct. 8	Paul Jolanas	46	Quarryman	Alton	Mississippi Lime & Material Co.	Head injured, falling rock	16
Oct. 13	John Torvich	2	Driller	Gary	Delese-Shepherd Co.	Legs injured, fell down	3
Oct. 16	L. Luzzi	53	Foreman	Chicago	Chicago Union Lime Works	Finger mashed, struck by screen	63
Oct. 18	Harry Cremer	20	Laborer	Kankakee	Kankakee Tile & Brick Co.	Arm injured, struck by car	8
Oct. 23	Dan Lewis	21	Quarryman	Alton	Mississippi Lime & Material Co.	Finger cut, lifting rock	3
Oct. 24	Henry Baird	39	Quarryman	Alton	Mississippi Lime & Material Co.	Leg injured, falling rock	5
Oct. 25	S. Vekovsky	43	Laborer	Lemont	Western Quarries Co.	Eye injured, flying rock	*
Oct. 26	Charles Crail	47	Hooker	Lemont	Western Quarries Co.	Fingers mashed, falling rock	6
Oct. 29	Raymond Cloe	24	Laborer	Marblehead	Marblehead Lime Co.	Leg broken, falling rock	100
Oct. 31	Raymond Gough	36	Kiln fireman	Marblehead	Marblehead Lime Co.	Finger injured, poker	36
Nov. 7	George Strawn	53	Laborer	Marblehead	Marblehead Lime Co.	Body injured, car	6
Nov. 7	A. Golich	56	Quarryman	Chicago	Chicago Union Lime Works	Body injured, lifting rock	3
Nov. 12	K. Linksho	22	Quarryman	Lemont	Western Quarries Co.	Body injured, lifting machine	7
Nov. 13	I. Pitt	32	Laborer	Lemont	Western Quarries Co.	Toe broken, rolling stone	18
Nov. 19	Virgil Williams	32	Laborer	Kankakee	Kankakee Tile & Brick Co.	Body injured, struck by hammer	2
Nov. 22	W. Marvic	32	Laborer	Lemont	Western Quarries Co.	Leg injured, caught in gear	5
Nov. 22	W. Rieck	32	Laborer	Lemont	Western Quarries Co.	Eye injured, flying rock	2
Nov. 23	S. Valentick	31	Laborer	Joliet	Western Quarries Co.	Foot injured, stepped on nail	3
Nov. 23	Alvin Schraeder	35	Carponier	Stolle	C. Stolle Quarry & Construction Co.	Hand injured, flying rock	3
Nov. 24	G. Zorzi	35	Quarryman	Joliet	Western Quarries Co.	Hand injured, falling timber	4
Dec. 2	N. Norak	34	Quarryman	Chicago	Chicago Union Lime Works	Back injured, lifting rock	2
Dec. 6	Ralph Belleau	28	Laborer	Chicago	Chicago Union Lime Works	Foot injured, falling rock	35
Dec. 9	D. A. Alexander	48	Laborer	Kankakee	Kankakee Tile & Brick Co.	Finger broken, falling rock	3
Dec. 10	Peter Magnoni	27	Laborer	Wedron	C. W. Wilkinson Sand Co.	Foot injured, stepped on nail	3
Dec. 10	William Rodce	24	Quarryman	Oglesby	Lehigh Portland Cement Co.	Foot injured, scraper fell	42
Dec. 10	Peter Magnoni	27	Quarryman	Alton	Mississippi Lime & Material Co.	Foot injured, stepped on nail	5
Dec. 20	Kenneth Hayne	21	Bricklayer	Alton	Albion Shale Brick Co.	Arm injured, lifting rock	11
Dec. 22	John Labell	60	Bricklayer	Kankakee	Kankakee Tile & Brick Co.	Head injured, struck by brick	1
Dec. 22	Ralph Whitaker	24	Laborer	Marblehead	Marblehead Lime Co.	Rib broken, fell against car	8
Dec. 22						Back strained, lifting rock	5

Dec. 22 1922	Joe Becker	71	Cooper, Laborer	Quincy, Marblehead	Marblehead Lime Co.	Knee bruised, fell	2
Dec. 26	John Gray	18			Marblehead Lime Co.	Eye injured, falling lime	8
Jan. 4	P. Ceras	41	Quarryman	Chicago	Chicago Union Lime Works	Foot injured, falling rock	19
Jan. 26	Joe Belack	37	Pitman	Stolle	C. Stolle Quarry & Construction Co.	Leg injured, rolling stone	3
Feb. 3	J. H. Thinalbarger	44	Superintendent	Ottawa	Belrose Sand Co.	Body injured, struck by cable	11
Feb. 16	John Henry	34	Laborer	Cypress	The Charles Stone Co.	Body injured, rolling stone	17
Feb. 21	Henry Mendlock	42	Foreman	Quincy	Lehigh Portland Cement Co.	Eye injured, flying particle	3
Feb. 28	Stegil Henson	46	Lime burner	Quincy	Marblehead Lime Co.	Body injured, fell	5
Mar. 8	Andrew Barick	28	Machinist	Lyons	Dele e-Shepherd Co.	Shoulder injured, caught in gear	10
Mar. 13	Peter Lencortum	40	Driller	Gary	Dele e-Shepherd Co.	Knee injured, rolling stone	3
Mar. 23	Wm. Hartdegen	a	Pow. House Op	LaGrange	Dele e-Shepherd Co.	Head injured, struck board	4
Mar. 24	George Wilson	33	Laborer	Kankakee	Kankakee Tile & Brick Co.	Arm injured, falling tile	6
Mar. 24	Tilas Clark	37	Laborer	Ottawa	Belrose Standard Silica Co.	Arm injured, struck by sledge	3
April 1	Joe Belack	37	Pitman	Stolle	C. Stolle Quarry & Construction Co.	Eye injured, flying particle	15
April 6	Henry Prost	50	Dumper	Oglesby	Lehigh Portland Cement Co.	Arm injured, fell	8
April 7	Tom Hallum	44	Coal hauler	Albion	Albion Shale Brick Co.	Ankle sprained, jumped off tile	3
April 10	Frank Hardisty	26	Laborer	Kankakee	Kankakee Tile & Brick Co.	Leg injured, rolling stone	2
April 19	J. P. Paul	31	Pitman	Albion	Albion Shale Brick Co.	Arm injured, struck by cable	4
April 20	Art Baker	30	Engineer	Oglesby	Lehigh Portland Cement Co.	Hand injured, pulling cable	10
April 20	John Mills	54	Laborer	Lemont	Western Quarries Co.	Finger injured (a)	4
April 20	Hugh McCall	a	Fireman	Gary	Dele e-Shepherd Co.	Arm injured, fell	5
April 25	Charles Neitzel	a	Craneman	Gary	Dele e-Shepherd Co.	Ankle injured, rolling stone	4
April 26	Andrew Mottwick	a	Driller	Quincy	Marblehead Lime Co.	Eye injured, flying rock	1
April 26	Claude Cwacha	26	Laborer	East St. Louis	East St. Louis Stone Co.	Leg broken, jumped off wagon	1
April 26	James Breene	25	Teamster	Stolle	C. Stolle Quarries & Construction Co.	Foot injured, rolling stone	18
April 30	Frank Redlin	38	Pitman	East St. Louis	Missouri Portland Cement Co.	Finger mashed, struck by pipe line	5
April 30	Thomas Dissett	23	Engineer	Lemont	Western Quarries Co.	Foot injured, struck by falling box	2
May 1	Charles Savage	34	Laborer	Stolle	C. Stolle Quarries & Cement Co.	Finger mashed, coupling cars	22
May 8	John Reins	18	Driver	East St. Louis	Missouri Portland Cement Co.	Hand injured, dumping cars	6
May 13	Jesse Good	33	Laborer	Albion	Albion Shale Brick Co.	Eye injured, flying particle	2
May 14	Adrian Solo	23	Laborer	Gary	Dele e-Shepherd Co.	Head injured, struck by crusher	2
May 17	Dan Kasean	36	Laborer	Joliet	Western Quarries Co.	Foot injured, falling brick	18
May 22	Marion Cox	23	Setter	Albion	Albion Shale Brick Co.	Body injured, sledge	1
May 22	Raymond Close	24	Laborer	Marblehead	Marblehead Lime Co.	Finger injured, rolling stone	3
May 24	Edward Medaris	37	Laborer	Marblehead	Kankakee Tile & Brick Co.	Fingers cut off, fell down	4
May 24	Geo. Waldrop	68	Laborer	Kankakee	General Clay Products Co.	Leg injured, flying spike	4
May 25	Rudy Johnson	43	Laborer	Belleville	West Salem Hollow Brick & Tile Co.	Leg broken, caught between cars	3
May 25	James Rodgers	55	Laborer	Lemont	Western Quarries Co.	Leg injured, rolling stone	7
June 3	S. Taskarski	60	Laborer	Stolle	C. Stolle Quarries & Construction Co.	Finger cut, caught in rail	4
June 3	P. R. Meyers	55	Laborer	Lemont	Western Quarries Co.	Toe injured (a)	4
June 3	Tony Rutkowski	34	Laborer	Lemont	Marblehead Lime Co.		
June 6	J. H. Robinson	36	Engineer	Marblehead	C. Stolle Quarries & Construction Co.		
June 6	Chas. Shalos	57	Laborer	East St. Louis	Western Quarries Co.		
June 28	J. Burkoski	30	Laborer	Lemont	Western Quarries Co.		

a Not reported.

Number injured.....

Not returned to work.....

Total days lost by men returned

Average days lost.....

1,378

11.68

Number returned..... 118

REPORT OF STATE MINING BOARD

During the fiscal year beginning July 1, 1921, and ending June 30, 1922, four examinations have been held. The dates and result of these examinations are shown in the following table:

Date of examination	State inspectors		Mine managers				Mine examiners		Hoisting engineers			
			First class		Second class				First class		Second class	
	Number of		Number of		Number of		Number of		Number of			
	Applicants	Passed	Applicants	Passed	Applicants	Passed	Applicants	Passed	Applicants	Passed	Applicants	Passed
Sept. 12.....	8	4	41	34	29	29	87	71	8	7	.....	.....
Dec. 5.....			30	29	27	27	80	73	18	16	1	1
Feb. 6.....			30	28	16	16	65	64	12	10	2	2
April 17.....			92	84	14	14	80	76	24	22	6	6
Total....	8	4	193	175	86	86	312	284	62	55	9	9

The names of those who received certificates will be found in the lists following:

Name	State inspector of mines				
	Post office	County	Age	Years experience	Number of certificate
Robert Skinner.....	Gillespie.....	Macoupin.....	49	35	45
Fred Wood.....	do.....	do.....	33	20	46
Arthur W. Plumlee.....	Cambria.....	Williamson.....	41	21	47
G. W. Gosnell.....	Herrin.....	do.....	43	10	48

MINE MANAGERS—FIRST CLASS

Name	Post office	County	Age	Years experience	Number of certificate	Date of examination, July 1, 1921, to June 30, 1922
Aberle, Joseph T.	Mt. Olive	Macoupin	41	25	635	Feb. 6, 1922
Anderson, Samuel	Gillespie	do	38	16	641	do
Angell, Wm. T.	Belleville	St. Clair	25	9	561	Sept. 12, 1921
Awe, Otto	Staunton	Macoupin	44	28	632	Feb. 6, 1922
Bailey, Frank J.	Danville	Vermilion	27	9	629	do
Bair, Frank	Mascoutah	St. Clair	28	12	656	April 17, 1922
Barringer, Joseph	Marion	Williamson	43	29	681	do
Baxley, William	Herrin	do	28	14	637	Feb. 6, 1922
Beggs, Paul	Wenona	Marshall	25	9	621	Dec. 5, 1921
Berry, Vane L.	Worden	Madison	32	9	670	April 17, 1922
Bernard, John	Danville	Vermilion	32	18	639	Feb. 6, 1922
Beveridge, William	Gillespie	Macoupin	49	30	579	Sept. 12, 1921
Biby, Fred A.	Pinckneyville	Perry	32	14	672	April 17, 1922
Bishop, Joseph	Collinsville	Madison	38	8	710	do
Blumenroth, Emil	Mt. Olive	Macoupin	36	18	631	Feb. 6, 1922
Boner, W. H.	Springfield	Sangamon	26	7	704	April 17, 1922
Borella, Peter	Orient	Franklin	38	7	640	Feb. 6, 1922
Brady, M. F.	Pinckneyville	Perry	36	16	680	April 17, 1922
Brantley, Edgar	Murphysboro	Jackson	41	27	567	Sept. 12, 1921
Buchneemann, Albert F.	Worden	Madison	27	11	596	Dec. 5, 1921
Burklow, F. E.	Herrin	Williamson	33	9	716	April 17, 1922
Cairns, John	Nokomis	Montgomery	40	21	593	Sept. 12, 1921
Carney, Harry	Cartersville	Williamson	25	9	732	April 17, 1922
Chadwick, F. D.	Auburn	Sangamon	41	20	615	Dec. 5, 1921
Chamness, Arla M.	Carriers Mills	Saline	35	5	625	Feb. 6, 1922
Chapman, Thomas	Troy	Madison	47	29	724	April 17, 1922
Chitty, Ray H.	Herrin	Williamson	32	18	698	do
Coltman, William	Sesser	Franklin	29	14	683	do
Constable, Alex. L.	Gillespie	Macoupin	34	17	702	do
Cravens, B. F.	Worden	Madison	38	22	648	Feb. 6, 1922
Crawford, William	Benton	Franklin	30	15	603	Dec. 5, 1921
Cullen, Albert S.	Peoria	Peoria	37	24	710	April 17, 1922
Day, Mathew W.	Staunton	Macoupin	37	25	618	Dec. 5, 1921
Deiro, John	Pinckneyville	Perry	33	17	673	April 17, 1922
Denny, Henry	Harrisburg	Saline	31	10	692	do
Doew, E. A.	Vergennes	Jackson	29	8	695	do
Drysdale, George J.	DuQuoin	Perry	35	20	562	Sept. 12, 1921
Duddley, Alfred	Harrisburg	Saline	43	30	564	do
Duncan, Loyd	do	do	40	15	687	April 17, 1922
Edmondson, Joe G.	Ledford	do	40	15	696	do
Evvett, Carl	Cartersville	Williamson	33	18	607	Dec. 5, 1921
Farrant, William	Springfield	Sangamon	36	21	646	Feb. 6, 1922
Finney, W. C.	Frankfort Heights	Franklin	37	18	565	Sept. 12, 1921
Fornera, John	Springfield	Sangamon	30	15	643	Feb. 6, 1922
Francis, Roy R.	DuQuoin	Perry	25	19	707	April 17, 1922
Gallick, Michael	Virde	Macoupin	24	8	620	Dec. 5, 1921
Gartside, Lee	O'Fallon	St. Clair	40	23	690	April 17, 1922
Gentry, Floyd	Cartersville	Williamson	25	8	606	Dec. 5, 1921
Gibbs, W. S.	Herrin	Williamson	33	17	578	Sept. 12, 1921
Gilmore, William	Zeigler	Franklin	26	12	614	Dec. 5, 1921
Grieve, Ivan J.	Belleville	St. Clair	26	9	595	do
Grieve, John A.	do	do	28	10	626	Feb. 6, 1922
Griffith, Dave D.	West Frankfort	Franklin	45	20	580	Sept. 12, 1921
Griftner, J. H.	Champaign	Champaign	30	10	622	Dec. 5, 1921
Hall, William	Springfield	Sangamon	55	40	589	Sept. 12, 1921
Hannay, Wm. M.	Nokomis	Montgomery	40	29	563	do
Haney, George	Georgetown	Vermilion	46	21	585	do
Harriss, Archie C.	DuQuoin	Perry	34	14	721	April 17, 1922
Higgins, Thomas C.	Collinsville	Madison	24	7	570	Sept. 12, 1921
Huss, J. F., Jr.	do	do	36	21	726	April 17, 1922
Jacksobek, Charles B.	Belleville	St. Clair	34	21	571	Sept. 12, 1921
Jarvis, William	Beckemeyer	Clinton	36	22	709	April 17, 1922
Jeffries, W. J.	Herrin	Williamson	41	28	718	do
Jelley, J. R.	Herrin	Williamson	37	21	636	Feb. 6, 1922
Jenkins, Joseph	Catlin	Vermilion	25	6	669	April 17, 1922
Jones, Homer	Herrin	Williamson	34	15	645	Feb. 6, 1922
Jones, John R.	West Frankfort	Franklin	40	28	659	April 17, 1922
Jones, Richard	Witt	Montgomery	28	12	723	do
Jones, Thos. H.	DuQuoin	Perry	44	27	573	Sept. 12, 1921
Keel, Earl	Hillsboro	Montgomery	32	17	729	April 17, 1922
Kemper, W. B.	Johnston City	Williamson	40	20	651	do

MINE MANAGERS—FIRST CLASS—Continued

Name	Post office	County	Age	Years experience	Number of certificate	Date of examination, July 1, 1921, to June 30, 1922
Killmar, Henry M.	Staunton	Macoupin	35	10	633	Feb. 6, 1922
Kingin, J. F.	Wyoming	Stark	42	20	676	April 17, 1922
Kiss, Lawrence	Sawyer ville	Macoupin	27	11	619	Dec. 5, 1921
Leischening, Edward	Mt. Olive	Macoupin	38	23	665	April 17, 1922
Leming, Edward	DuQuoin	Perry	32	16	719	do
Lewis, H. C.	Carriers Mills	Saline	29	7	647	Feb. 6, 1922
Lindo, Emil	Mt. Olive	Macoupin	34	20	662	April 17, 1922
Lorenz, Max	do	do	35	18	663	do
Lucas, James	Carterville	Williamson	38	26	574	Sept. 12, 1921
Lyons, John	Royalton	Franklin	35	21	705	April 17, 1922
McCaines, Daniel	Eldorado	Saline	49	37	693	do
McCartney, James	West Frankfort	Franklin	49	37	730	do
McClelland, James	Springfield	Sangamon	40	20	582	Sept. 12, 1921
McGuiness, Edward	Eldorado	Saline	50	38	694	April 17, 1922
McManus, Charlie	Worden	Madison	29	13	657	do
Macke, John T.	Belleville	St. Clair	36	17	627	Feb. 6, 1922
Marburger, Charles J.	Worden	Madison	24	8	598	Dec. 5, 1921
Mauk, John W.	Danville	Vermilion	55	41	584	Sept. 12, 1921
Mauire, Belia L.	Belleville	St. Clair	28	10	608	Dec. 5, 1921
Menk, Hugh E.	Staunton	Macoupin	37	23	738	April 17, 1922
Menzel, Oscar	Lincoln	Logan	36	23	592	Sept. 12, 1921
Moulin, Charles J.	Worden	Madison	37	25	728	April 17, 1922
Moye, Jesse J.	DuQuoin	Perry	27	10	708	do
Mulligan, John	Decatur	Macon	30	12	649	Feb. 6, 1922
Nicholson, Irwin	West Frankfort	Franklin	42	22	677	April 17, 1922
Nilson, Lester	Eldorado	do	26	8	650	Feb. 6, 1922
Norder, Cornelius J.	Mt. Olive	Macoupin	35	19	715	April 17, 1922
Oehler, Fred	do	do	35	20	668	do
Ohl, Arthur H.	Collinsville	Madison	35	20	674	do
O'Neal, Bryon E.	Staunton	Macoupin	25	6	634	Feb. 6, 1922
Patterson, Andrew A.	West Frankfort	Franklin	46	35	735	April 17, 1922
Paterson, John	Taylorville	Christian	37	25	575	Sept. 12, 1921
Perry, J. C.	Marion	Williamson	39	14	691	April 17, 1922
Peterson, O. E.	Freeburg	St. Clair	32	16	609	Dec. 5, 1921
Pittman, J. H.	Carriers Mills	Saline	45	35	624	Feb. 6, 1922
Preval, Fred	Springfield	Sangamon	60	51	587	Sept. 12, 1921
Quinn, T. J.	Sawyer ville	Macoupin	44	33	588	do
Rehg, Charles	O'Fallon	St. Clair	46	28	610	Dec. 5, 1921
Remy, Julius, Jr.	Cedar Point	LaSalle	24	8	628	Feb. 6, 1922
Reese, Henry	Sawyer ville	Macoupin	53	40	586	Sept. 12, 1921
Reynolds, Thomas	Harco	Saline	39	25	688	April 17, 1922
Richmond, J. M.	Johnston City	Williamson	34	20	654	do
Rinehart, A. G.	Christopher	Franklin	47	20	661	April 17, 1922
Russell, Thomas	do	do	38	24	682	do
Schickendanz, Walter	DuQuoin	Perry	24	8	720	April 17, 1922
Schilling, Alfred F.	Belleville	St. Clair	25	7	566	Sept. 12, 1921
Schlespick, William	Worden	Madison	40	23	599	Dec. 5, 1921
Schmidt, Walter	Royalton	Franklin	30	10	727	April 17, 1922
Scott, Harry V.	Pocahontas	Bond	32	8	591	Sept. 12, 1921
Scott, W. C.	Marissa	St. Clair	25	9	560	do
Seletto, Louis	Assumption	Christian	30	14	655	April 17, 1922
Shannon, James C.	Pawnee	Sangamon	31	17	569	Sept. 12, 1921
Shannon, Thos. J.	Worden	Madison	25	8	597	Dec. 5, 1921
Sharp, Morris	DuQuoin	Perry	32	14	685	April 17, 1922
Short, Thomas O.	Peoria	Peoria	26	9	711	do
Shull, Thomas	Pittsburg	Williamson	40	24	652	do
Smith, Clarence O.	Hillsboro	Montgomery	40	26	630	Feb. 6, 1922
Smith, Fred	Herrin	Williamson	25	9	642	do
Smith, Robert	Peoria	Peoria	37	22	699	April 17, 1922
Sneddon, James L.	Valier	Franklin	31	19	605	Dec. 5, 1921
Snodgrass, Harry	Springfield	Sangamon	36	20	590	Sept. 12, 1921
Spicer, James W.	Georgetown	Vermilion	38	30	623	Feb. 6, 1922
Spiller, Edd	Royalton	Franklin	47	12	706	April 17, 1922
Stewart, Sidney C.	Benton	Franklin	25	10	602	Dec. 5, 1921
Stewart, Vern	Mt. Olive	Macoupin	29	13	660	April 17, 1922
Stille, Adolph	Staunton	do	31	8	734	do
Stoker, William	Bartonville	Peoria	38	22	703	do
Stone, Joe	Royalton	Franklin	42	30	712	do
Streycek, John	Mt. Olive	Macoupin	34	17	717	do
Strothside, Emil	Freeburg	St. Clair	34	20	664	do

MINE MANAGERS—FIRST CLASS—Concluded

Name	Post office	County	Age	Years experience	Number of certificate	Date of examination, July 1, 1921, to June 30, 1922
Stroud, Harvey R.	Staunton	Macoupin	43	25	671	April 17, 1922
Sudbrink, Alfred	Collinsville	Madison	28	9	686	do
Sullivan, Stephen, Jr.	Divernon	Sangamon	33	20	568	Sept. 12, 1921
Syers, Jacob	Harrisburg	Saline	48	30	731	April 17, 1922
Taylor, Hawkins	Pinckneyville	Perry	40	10	678	do
Taylor, Mack	Benton	Franklin	52	32	581	Sept. 12, 1921
Templeton, Peter	Carterville	Williamson	38	22	577	do
Thimming, Benj. B.	DuQuoin	Perry	34	20	722	April 17, 1922
Thompson, James G.	Mt. Olive	Macoupin	42	27	666	do
Turner, Roy	Bartonville	Peoria	25	9	613	Dec. 5, 1921
Viano, Joseph	Coal City	Grundy	47	30	611	do
Vicary, Archie	Peoria	Peoria	35	19	701	April 17, 1922
Vincent, Walter	Farmington	Fulton	42	25	675	do
Vogles, Guy E.	Mt. Olive	Macoupin	26	7	713	do
Walls, Roscoe	West Frankfort	Franklin	34	22	600	Dec. 5, 1921
Walker, Wiley	Valier	do	30	14	604	do
Warner, Roy E.	Marion	Williamson	28	13	572	Sept. 12, 1921
Watts, Jacob	Divernon	Sangamon	47	34	601	Dec. 5, 1921
Watson, Charles	Peoria	Peoria	43	15	638	Feb. 6, 1922
Watson, Robert	New Baden	Clinton	32	16	644	do
West, Henry	Benton	Franklin	41	21	615	Dec. 5, 1921
Whitlington, C. C.	West Frankfort	do	42	12	658	April 17, 1922
Wiley, Sherman	Harrisburg	Saline	36	17	689	do
Wilkinson, Harry	DuQuoin	Perry	39	15	679	do
Williamson, Bob	Springfield	Sangamon	44	32	617	Dec. 5, 1921
Wilson, Robert E.	DuQuoin	Perry	32	21	697	April 17, 1922
Wingett, Abe	Herrin	Williamson	43	24	714	do
Wise, Edward J.	Troy	Madison	34	12	725	do
Woods, Harry	Marion	Williamson	34	13	653	do
Woods, J. E.	Canton	Fulton	40	18	594	Dec. 5, 1921
Woodson, Geo. W.	Springfield	Sangamon	40	20	582	Sept. 12, 1921
Wright, Anderson	Belleville	St. Clair	33	17	667	April 17, 1922
Young, Robert	Benton	Franklin	50	38	576	do
Yule, Loyd A.	Murphysboro	Jackson	28	12	612	Dec. 5, 1921

MINE MANAGERS—SECOND CLASS

Name	Post office	County	Age	Years experience	Number of certificate	Date of examination, July 1, 1921, to June 30, 1922
Adams, Martin	DuQuoin	Perry	38	18	384	April 17, 1922
Allgreen, Albert S.	Alexis	Warren	49	19	313	Sept. 12, 1921
Bailey, Earl J.	Gerlan	do	30	4	311	do
Benson, John	Coal Valley	Rock Island	38	20	340	Dec. 5, 1921
Bugos, George	Matherville	Mercer	31	15	344	do
Claude, Charles	Marietta	Fulton	39	11	384	do
Cummings, Albert G.	Spartan	Marshall	54	15	329	Sept. 12, 1921
Curfman, Wilden J.	Wyoming	Stark	34	15	321	do
Dalton, Will	do	do	47	10	327	do
Dawson, George H.	Cable	Mercer	32	16	347	Dec. 5, 1921
Dickins, Roland	Chapin	Morgan	50	7	336	do
Dobyns, Andy	Pinckneyville	Perry	40	24	373	Feb. 6, 1922
Doe, Eugene	Peoria	Peoria	52	29	376	April 17, 1922
Farrell, Joseph A.	Grape Creek	Vermilion	67	47	368	Feb. 6, 1922
Fassiotte, Artiglio	Cuba	Fulton	24	6	335	Dec. 5, 1921
Finckock, Henry	Fairview	do	37	21	370	Feb. 6, 1922
Fish, C. P.	Alton	Madison	30	7	379	April 17, 1922
Ford, Snowden	Fairview	Fulton	44	18	328	Sept. 12, 1921
Friday, Loren	Augusta	Hancock	24	8	308	do
Gilbraith, James	Farmington	Fulton	45	34	371	Feb. 6, 1922
Gorey, D. L.	Ray	Schuyler	45	25	315	Sept. 12, 1921
Hamilton, Louis	Streator	LaSalle	40	24	319	do

MINE MANAGERS—SECOND CLASS—Concluded

Name	Post office	County	Age	Years experience	Number of certificate	Date of examination, July 1, 1921, to June 30, 1922
Hare, J. P.	Muncie	Vermilion	45	24	385	April 17, 1922
Hendricks, Frank E.	Fredrick	Schuylcr	27	11	363	Feb. 6, 1922
Hodgson, Robert	Bradford	Stark	45	32	302	Sept. 12, 1921
Holden, Walter	Winchester	Scott	41	17	382	April 17, 1922
Hoskins, Albert	do	do	31	16	310	Sept. 12, 1921
Hunt, Thomas	Edwards	Peoria	59	25	333	Dec. 5, 1921
Hurst, Marcus	Peoria	Peoria	29	4	323	Sept. 12, 1921
Johnson, Charlie	Oneida	Knox	44	30	343	Dec. 5, 1921
Kellum, Eugene	Industry	McDonough	40	15	320	Sept. 12, 1921
Keeves, Mat C.	Coal City	Grundy	54	15	324	do
Korty, John G.	Exeter	Scott	30	11	337	Dec. 5, 1921
Kowalkowski, Stanley	Gillespie	Macoupin	38	18	375	April 17, 1922
Kuhn, Earl	Rushville	Schuylcr	32	7	362	Feb. 6, 1922
La Fallett, Howard	Hanna City	Peoria	33	17	306	Sept. 12, 1921
Lamb, Edward	Kewanee	Henry	39	22	325	do
Lamb, Wm. F.	Kewanee	Henry	45	29	378	April 17, 1922
Langwith, Henry	Pickneyville	Perry	32	20	331	Sept. 12, 1921
Lewis, David J.	Witt	Montgomery	53	40	338	Dec. 5, 1921
McCarty, Ed.	Ashland	Cass	32	4	351	do
Magstaff, John	Canton	Fulton	65	44	305	Sept. 12, 1921
May, Walter	Oak Hill	Peoria	24	6	304	do
Miller, Arthur	Danville	Vermilion	30	4	314	do
Miller, Ben	do	do	23	9	386	April 17, 1922
Miller, D. W.	Staunton	Macoupin	60	46	387	do
Miller, E. W.	Macomb	McDonough	38	20	353	Dec. 5, 1921
Naslund, George	Victoria	Knox	63	50	346	do
Nimsick, Cyrus	Cable	Mercer	36	6	312	Sept. 12, 1921
Ormiston, J. W.	Ashland	Cass	42	4	332	Dec. 5, 1921
Overhake, A. W.	Fredrick	Schuylcr	50	22	367	Feb. 6, 1922
Parrish, John R.	DeSoto	Jackson	31	4	359	do
Peterson, Albert	Wataga	Knox	48	36	341	Dec. 5, 1921
Petty, Floyd	Trivola	Peoria	29	11	383	April 17, 1922
Peve, Bert	Toulon	Stark	41	23	377	do
Pittman, Ray	Huntsville	Schuylcr	47	15	364	Feb. 6, 1922
Rayborn, Frank	Fredrick	do	38	7	366	do
Rinado, John	Mapleton	Peoria	27	10	334	Dec. 5, 1921
Root, George H.	Rushville	Schuylcr	31	5	339	do
Rowland, Arthur	Neeleyville	Morgan	45	20	381	April 17, 1922
Sawyer, Allen	Danville	Vermilion	41	20	361	Feb. 6, 1922
Schmeing, Hugo	Mascoutah	St. Clair	27	9	388	April 17, 1922
Schmitgall, George	DuQuoin	Perry	52	20	372	Feb. 6, 1922
Schoonover, Curtis	Canton	Fulton	24	5	322	Sept. 12, 1921
Schumell, Sol	Peoria	Peoria	29	10	330	do
Simpson, Newton W.	Ray	Schuylcr	33	17	316	Sept. 12, 1921
Smith, Roy	Rushville	Schuylcr	28	8	365	Feb. 6, 1922
Snare, Ernest	Wyoming	Stark	50	37	317	Sept. 12, 1921
Snell, Walter J.	Matherville	Mercer	39	26	369	Feb. 6, 1922
Stell, David	Bryant	Fulton	39	25	354	Dec. 5, 1921
Stevens, Henry	St. Augustine	Knox	37	12	349	do
Stewart, John W.	Manchester	Scott	63	50	357	do
Stoneburner, Lyman	Pana	Christian	43	19	360	Feb. 6, 1922
Story, Arthur	Wyoming	Stark	41	25	318	Sept. 12, 1921
Stufflebeam, D.	Bradford	do	47	20	303	do
Swanson, Elmer	Birmingham	Schuylcr	47	33	352	Dec. 5, 1921
Tebbrugge, Henry	Petersburg	Menard	35	15	355	do
Terry, John	Littleton	Schuylcr	46	12	309	Sept. 12, 1921
Tribbett, Samuel	Murrayville	Morgan	54	32	380	April 17, 1922
Turk, Antony	Soarland	Marshall	35	17	326	Sept. 12, 1921
Wallick, P. J.	Canton	Fulton	35	21	374	Feb. 6, 1922
Walker, Marion M.	Marietta	do	25	7	350	Dec. 5, 1921
Weatherell, John	Danville	Vermilion	33	17	307	Sept. 12, 1921
Wilson, L. G.	Birmingham	Schuylcr	37	4	356	Dec. 5, 1921
Wilson, Clifford	Danville	Vermilion	37	15	342	do
Woodruff, Scott	Table Grove	Fulton	52	36	345	do
Zimmerman, G. E.	Avon	do	41	4	358	do

MINE EXAMINERS

Name	Post office	County	Age	Years experience	Number of certificates	Date of examination, July 1, 1921, to June 30, 1922
Aberle, Joseph F.	Mt. Olive	Macoupin	40	25	845	Dec. 5, 1921
Adamson, Magnus	Collinsville	Madison	21	5	827	Sept. 12, 1921
Aichle, K.	Zeigler	Franklin	30	8	978	April 17, 1922
Alexa, J. R.	Worden	Madison	24	6	951	Feb. 6, 1922
Ament, Paul	Herrin	Williamson	22	6	788	Sept. 12, 1921
Anderson, James	Divernon	Sangamon	22	5	915	Feb. 6, 1922
Anderson, Mathew	Glen Carbon	Madison	24	7	918	do
Anderson, Oscar	Divernon	Sangamon	21	5	916	do
Anderson, Samuel	Gillespie	Macoupin	37	16	805	Sept. 12, 1921
Anglin, Dick	West Frankfort	Franklin	27	10	1040	April 17, 1922
Appulm, Albert	DuQuoin	Perry	26	8	1035	do
Arthur, John	Gillespie	Macoupin	33	20	1009	do
Ashley, Joseph W.	Percy	Perry	27	11	832	Sept. 12, 1921
Avoski, John	Pinckneyville	do	26	10	1022	April 17, 1922
Awe, Otto	Staunton	Macoupin	44	20	844	Dec. 5, 1921
Bailey, Edward	Edwardsville	Madison	31	15	1018	April 17, 1922
Ballard, Harry	Collinsville	do	30	15	1006	do
Banovic, John	Mt. Olive	Macoupin	23	6	925	Feb. 6, 1922
Bayless, Walter E.	Zeigler	Franklin	38	18	980	April 17, 1922
Baxley, William	Herrin	Williamson	29	13	821	Sept. 12, 1921
Beard, Fred. J.	Worden	Madison	33	9	1011	April 17, 1922
Beggs, Paul	Wenona	Marshall	25	9	842	Dec. 5, 1921
Belt, Loven A.	Dorrisville	Saline	24	7	864	do
Berry, Vane L.	Worden	Madison	32	10	872	do
Bishop, Joseph	Collinsville	do	38	8	825	Sept. 12, 1921
Bixby, Fred	Pinckneyville	Perry	32	14	870	Dec. 5, 1921
Blumenroth, Emil	Mt. Olive	Macoupin	36	18	854	do
Bolt, Dean L.	Peoria	Peoria	22	5	1053	April 17, 1922
Bourland, W. O.	Christopher	Franklin	45	22	877	Dec. 5, 1921
Bovinet, Robt. L.	Harco	Saline	30	6	1024	April 17, 1922
Brady, M. F.	Pinckneyville	Perry	35	5	874	Dec. 5, 1921
Buchanan, J. W.	Herrin	Williamson	26	11	966	Feb. 6, 1922
Buehnemann, Albert F.	Worden	Madison	27	11	799	Sept. 12, 1921
Burnett, C. J.	Royalton	Franklin	28	12	900	Dec. 5, 1921
Cargal, Gordon	Herrin	Williamson	24	8	819	Sept. 12, 1921
Carroll, John B.	Gillespie	Macoupin	59	40	785	do
Casey, Ivan	Marion	Williamson	23	4	863	Dec. 5, 1921
Chapman, J. B.	Johnston City	Williamson	41	20	795	Sept. 12, 1921
Chapman, Thomas	Troy	Madison	46	28	942	Feb. 6, 1922
Chitty, Ray H.	Herrin	Williamson	31	18	793	Sept. 12, 1921
Clay, Harry	Springfield	Sangamon	37	22	998	April 17, 1922
Cobb, William	Marion	Williamson	24	6	798	Sept. 12, 1921
Collins, J. H.	Troy	Madison	36	16	937	Feb. 6, 1922
Constable, Alex. L.	Gillespie	Macoupin	33	17	873	Dec. 5, 1921
Courlson, John	Johnston City	Williamson	46	33	1002	April 17, 1922
Courtain, Clotaire	Danville	Vermilion	22	6	836	Sept. 12, 1921
Courtain, Emil	do	do	24	10	837	do
Coventry, Archibald	DuQuoin	Perry	45	30	1050	April 17, 1922
Cravens, B. F.	Worden	Madison	38	20	841	Dec. 5, 1921
Cullum, James	Pawnee	Sangamon	28	12	776	Sept. 12, 1921
Deiro, John	Pinckneyville	Perry	33	17	908	Dec. 5, 1921
DeLahne, Rene	Williamson	Madison	25	8	906	do
Dempsey, James E.	Dowell	Jackson	30	16	865	do
Dickson, June	Belleville	St. Clair	37	23	775	Sept. 12, 1921
Doran, John E.	Collinsville	Madison	40	26	1007	April 17, 1922
Duddy, James	Springfield	Sangamon	27	10	965	Feb. 6, 1922
Dunn, Charles D.	Johnston City	Williamson	24	6	797	Sept. 12, 1921
Elliott, Thomas	Royalton	Franklin	28	13	902	Dec. 5, 1921
Enis, A. D.	West Frankfort	do	24	6	964	Feb. 6, 1922
Enis, Velmer	do	do	28	10	963	do
Ewing, Harry B.	Collinsville	Madison	43	27	962	do
Farrand, Fred	Springfield	Sangamon	28	6	839	Sept. 12, 1921
Fisher, S. M.	Gillespie	Macoupin	34	15	810	do
Fomera, John	Springfield	Sangamon	29	14	831	do
Fremgen, Harry C.	Taylorville	Christian	29	13	859	Dec. 5, 1921
Fritz, Jerome	DuQuoin	Perry	23	6	1034	April 17, 1922
Gaddis, Fred	Eldorado	Saline	29	13	786	Sept. 12, 1921
Garrett, Ernest	Johnston City	Williamson	34	18	884	Dec. 5, 1921
Gartside, Lee	O'Fallon	St. Clair	40	23	960	Feb. 6, 1922
Gebauer, Charles	Collinsville	Madison	31	15	958	do
Gidwell, Charles I.	West Frankfort	Franklin	43	22	1039	April 17, 1922

MINE EXAMINERS—Continued

Name	Post office	County	Age	Years experience	Number of certificate	Date of examination, July 1, 1921, to June 30, 1922
Golian, Frank.....	Murphysboro...	Jackson.....	42	18	779	Sept. 12, 1921
Govan, Walter W.....	Sesser.....	Franklin.....	27	5	988	April 17, 1922
Graf, Lester.....	DuQuoin.....	Perry.....	21	5	1046	do
Graf, Lloyd.....	DuQuoin.....	Perry.....	24	8	1042	April 17, 1922
Green, W. A.....	Dowell.....	Jackson.....	49	35	905	Dec. 5, 1921
Guiney, Will G.....	Christopher.....	Franklin.....	26	10	881	do
Gullick, Mike.....	Virdeu.....	Macoupin.....	24	8	781	Sept. 12, 1921
Hack, Herbert.....	Zeigler.....	Franklin.....	22	6	898	Dec. 5, 1921
Hagen, Edward L.....	Johnston City.....	Williamson.....	32	10	979	April 17, 1922
Hagler, Harry.....	Cambria.....	Williamson.....	30	12	912	Dec. 5, 1921
Hamrock, John J.....	Dowell.....	Jackson.....	28	8	893	do
Handshy, Marion L.....	Worden.....	Madison.....	35	15	999	April 17, 1922
Harden, I. G.....	Mt. Olive.....	Macoupin.....	29	13	986	do
Harley, Harvey.....	DuQuoin.....	Perry.....	22	4	1025	do
Harper, Ellis.....	Harrisburg.....	Saline.....	25	5	879	Dec. 5, 1921
Harris, Archie C.....	DuQuoin.....	Perry.....	34	14	792	Sept. 12, 1921
Heckle, George.....	Collinsville.....	Madison.....	45	22	1016	April 17, 1922
Hix, Winford.....	Staunton.....	Macoupin.....	25	6	913	Dec. 5, 1921
Hoehn, Rollie A.....	Gillespie.....	do.....	28	6	808	Sept. 12, 1921
Hoehn, Roy O.....	do.....	do.....	32	7	806	do
Hoffman, Henry.....	Collinsville.....	Madison.....	38	12	820	do
Horney, Mike A.....	Benld.....	Macoupin.....	21	5	948	Feb. 6, 1922
Hughes, William.....	Herrin.....	Williamson.....	29	12	888	Dec. 5, 1921
Hunter, Claud R.....	Johnston City.....	do.....	27	11	876	do
Hutzel, Homer.....	Buckner.....	Franklin.....	28	12	885	do
Ingles, Robert.....	Gillespie.....	Macoupin.....	44	30	889	do
Irvine, Thomas.....	do.....	do.....	39	28	1010	April 17, 1922
Jackson, William F.....	DuQuoin.....	Perry.....	31	15	774	Sept. 12, 1921
Jacks, John.....	Mt. Olive.....	Macoupin.....	23	6	923	Feb. 6, 1922
Jacks, Mike.....	do.....	do.....	21	5	926	do
Jelley, J. R.....	Herrin.....	Williamson.....	37	21	802	Sept. 12, 1922
Jeremiah, Solomon.....	DuQuoin.....	Perry.....	47	25	943	Feb. 6, 1922
Jones, Richard.....	Witt.....	Montgomery.....	27	10	829	Sept. 12, 1921
Jones, William M.....	Peoria.....	Peoria.....	41	30	993	April 17, 1922
Joshu, Joseph.....	Livingston.....	Madison.....	22	5	975	Feb. 6, 1922
Keith, William.....	Gillespie.....	Macoupin.....	39	31	990	April 17, 1922
Kell, J. D.....	Benton.....	Franklin.....	45	5	970	Feb. 6, 1922
Kelley, Edward.....	DuQuoin.....	Perry.....	21	5	1019	April 17, 1922
Kelly, Thomas.....	Sesser.....	Franklin.....	31	5	914	Feb. 6, 1922
Kellma, Henry M.....	Staunton.....	Macoupin.....	34	10	883	Dec. 5, 1921
Killingsworth, Dwight.....	Pinckneyville.....	Perry.....	33	16	1032	April 17, 1922
Kilgore, John.....	Eldorado.....	Saline.....	45	10	903	Dec. 5, 1921
Kennedy, Algernon.....	DuQuoin.....	Perry.....	21	5	813	Sept. 12, 1921
King, J. Earl.....	Worden.....	Madison.....	27	5	954	Feb. 6, 1922
Kneiveller, Rudolph.....	Staunton.....	Macoupin.....	29	7	971	do
Koontz, William A.....	DuQuoin.....	Perry.....	26	6	780	Sept. 12, 1921
Kramer, Ivan.....	Glen Carbon.....	Madison.....	21	5	830	do
Krieger, Earl.....	Orient.....	Franklin.....	28	12	931	Feb. 6, 1922
Lain, Walter E.....	Cambria.....	Williamson.....	30	9	770	Sept. 12, 1921
Lanzerotti, Frank B.....	Gillespie.....	Macoupin.....	27	10	817	do
Law, James.....	Harco.....	Saline.....	37	16	1026	April 17, 1922
Lawler, E. E.....	Worden.....	Madison.....	23	4	953	Feb. 6, 1922
Leichsenring, Edward.....	Mt. Olive.....	Macoupin.....	38	22	851	Dec. 5, 1921
Leisen, Frank.....	Collinsville.....	Madison.....	33	18	828	Sept. 12, 1921
Lindo, Emil.....	Mt. Olive.....	Macoupin.....	34	18	849	Dec. 5, 1921
Londot, Mike.....	West Frankfort.....	Franklin.....	47	36	862	do
Lorenz, Max.....	Mt. Olive.....	Macoupin.....	35	18	850	do
Luetschler, Edward.....	Belleville.....	St. Clair.....	42	22	987	April 17, 1922
McAdoo, J. A.....	Collinsville.....	Madison.....	40	20	953	Feb. 6, 1922
McBeth, Archie.....	Hillsboro.....	Montgomery.....	40	23	838	Sept. 12, 1921
McCann, Michael.....	Ezra.....	Franklin.....	41	30	1027	April 17, 1922
McCoy, W. C.....	Royalton.....	do.....	29	12	1015	do
McCrary, James.....	Pinckneyville.....	Perry.....	45	16	1036	do
McDonald, L. L.....	Harrisburg.....	Saline.....	27	11	840	Sept. 12, 1921
McDowell, John.....	Murphysboro.....	Jackson.....	23	5	794	do
McEnary, William.....	Nokomis.....	Montgomery.....	41	27	1041	April 17, 1922
McLaughlin, Daniel.....	Gillespie.....	Macoupin.....	42	30	1014	do
Mack, John T.....	Belleville.....	St. Clair.....	36	16	846	Dec. 5, 1921
Marburger, Charles J.....	Worden.....	Madison.....	23	6	811	Sept. 12, 1921
Martin, John.....	DuQuoin.....	Perry.....	24	6	787	do

MINE EXAMINERS—Continued

Name	Post office	County	Age	Years experience	Number of certificate	Date of examination, July 1, 1921, to June 30, 1922
Martin, Otto	West Frankfort	Franklin	25	9	1043	April 17, 1922
Martinelli, Daniel	Staunton	Macoupin	21	5	936	Feb. 6, 1922
Menk, Hugh E.	do	do	37	23	974	do
Miller, John	Mt. Olive	do	30	9	982	April 17, 1922
Miller, William	Dorrisville	Schm.	38	14	777	Sept. 12, 1921
Mitchell, Richard	Sesser	Franklin	40	28	955	Feb. 6, 1922
Moore, James	Collinsville	Madison	51	36	818	Sept. 12, 1921
Morris, John W.	Herrin	Williamson	38	16	803	do
Morris, Guy P.	Springfield	Sangamon	29	12	860	Dec. 5, 1921
Moye, Jessie W.	DuQuoin	Perry	25	9	789	Sept. 12, 1921
Mulligan, John	Decatur	Macon	30	12	977	Feb. 6, 1922
Murphy, John	West Frankfort	Franklin	42	30	909	Dec. 5, 1921
Nach, William S.	Nokomis	Montgomery	26	10	950	Feb. 6, 1922
Nicholson, Irwin	West Frankfort	Franklin	41	28	919	do
Norder, Cornelius J.	Mt. Olive	Macoupin	35	19	921	do
Norder, Frank G.	do	do	33	18	922	do
Norris, Hardy	DuQuoin	Perry	21	5	1020	April 17, 1922
Norris, Iva E.	Pinckneyville	do	24	5	1028	do
Oehler, Fred	Mt. Olive	Macoupin	34	16	853	Dec. 5, 1921
O'Connor, Thomas	West Frankfort	Franklin	40	24	1000	April 17, 1922
Ohl, Arthur H.	Collinsville	Madison	35	19	911	Dec. 5, 1921
O'Neil, W. R.	Marion	Williamson	33	16	822	Sept. 12, 1921
Oscheski, Gus	Staunton	Macoupin	23	6	956	Feb. 6, 1922
Pakovic, Mike	Mt. Olive	do	24	5	855	Dec. 5, 1921
Paridy, Emanuel S.	do	do	30	4	847	do
Parker, Clarence	DuQuoin	Perry	33	19	1023	April 17, 1922
Parker, Ira Neal	do	do	31	15	935	Feb. 6, 1922
Paoli, August	Collinsville	Madison	23	6	1005	April 17, 1922
Patterson, Andrew A.	West Frankfort	Franklin	46	35	929	Feb. 6, 1922
Paterson, Peter	Johnston City	Williamson	43	20	967	do
Peinteur, Charles	Herrin	do	30	14	801	Sept. 12, 1921
Pengilly, Thomas	DeSoto	Jackson	32	16	826	do
Penman, Miles	West Frankfort	Franklin	36	25	907	Dec. 5, 1921
Perkins, Robt. E.	Buckner	do	28	7	961	Feb. 6, 1922
Pflasterer, John W., Jr.	Darnstadt	St. Clair	29	12	783	Sept. 12, 1921
Pingalt, John C.	Staunton	Macoupin	23	7	878	Dec. 5, 1921
Portugal, Earl J.	Gillespie	do	26	5	824	Sept. 12, 1921
Portier, Nester	Eldorado	Saline	26	7	947	Feb. 6, 1922
Porter, Henry	Peoria	do	28	12	1021	April 17, 1922
Pursell, Arkell	Pinckneyville	Perry	21	5	882	Dec. 5, 1921
Ramshaw, William	Troy	Madison	31	15	944	Feb. 6, 1922
Rausch, Frank	New Douglas	do	41	27	969	do
Rees, David	Troy	do	36	18	1038	April 17, 1922
Reeves, Dewey	Christopher	Franklin	23	7	1003	do
Remy, Julius, Jr.	Cedar Point	LaSalle	24	8	796	Sept. 12, 1921
Richardson, Archie E.	West Frankfort	Franklin	32	12	932	Feb. 6, 1922
Richardson, E. H.	Christopher	Franklin	34	8	1004	April 17, 1922
Richardson, Robt. M.	DuQuoin	Perry	26	10	895	Dec. 5, 1921
Roe, Frank W.	Seneca	LaSalle	24	7	800	Sept. 12, 1921
Roe, James F.	West Frankfort	Franklin	34	20	934	Feb. 6, 1922
Rodman, Eubrey	Energy	Williamson	34	20	968	do
Rodenbush, Conrath W.	West Frankfort	Franklin	44	29	851	Dec. 5, 1921
Rogers, Joseph C.	do	do	23	8	1045	April 17, 1922
Rowe, Thomas J.	East Peoria	Tazewell	22	6	896	do
Roman, H. E.	Royalton	Franklin	25	9	896	Dec. 5, 1921
Russell, Alexander	Gillespie	Macoupin	35	21	973	Feb. 6, 1922
Sadberry, Henry	DuQuoin	Perry	32	14	791	Sept. 12, 1921
Scarlett, John	West Frankfort	Franklin	27	12	1052	April 17, 1922
Schlispsich, William	Worden	Madison	40	23	812	Sept. 12, 1921
Schlomann, Frank F.	Mt. Olive	Macoupin	46	20	924	Feb. 6, 1922
Schmidt, Robt. C.	Mt. Olive	Macoupin	34	15	983	April 17, 1922
Schmidt, Walter	Royalton	Franklin	30	10	941	Feb. 6, 1922
Scholz, W. O.	Staunton	Macoupin	30	18	860	Dec. 5, 1921
Schradan, David	Collinsville	Madison	21	5	891	do
Schrameck, Francis	Troy	do	27	10	939	Feb. 6, 1922
Schrameck, John F.	do	do	25	7	946	do
Schulinter, Carl J.	DuQuoin	Perry	25	10	778	Sept. 12, 1921
Shears, William	Divernon	Sangamon	23	5	917	Feb. 6, 1922
Shannon, Joseph	Worden	Madison	21	4	800	Sept. 12, 1921
Shannon, Thos. J., Jr.	do	do	25	8	807	do
Shooter, Edward	Cambria	Williamson	34	20	772	do

MINE EXAMINERS—Concluded

Name	Post office	County	Age	Years experience	Number of certificate	Date of examination, July 1, 1921, to June 30, 1922
Siebert, Gus	Pana	Christian	26	7	858	Dec. 5, 1921
Simpson, R. E.	Royalton	Franklin	28	10	1048	April 17, 1922
Sislock, John	Pittsburg	Williamson	26	14	867	Dec. 5, 1921
Smith, Amos	Royalton	Franklin	28	12	1051	April 17, 1922
Smith, Clarence	Hillsboro	Montgomery	40	26	834	Sept. 12, 1921
Smith, Everte	Valier	Franklin	29	10	945	Feb. 6, 1922
Smith, Fred	Herrin	Williamson	24	8	804	Sept. 12, 1921
Smith, Russell	East St. Louis	St. Clair	22	4	1044	April 17, 1922
South, Homer F.	Carterville	Williamson	27	13	901	Dec. 5, 1921
Spernoga, Joseph A.	Staunton	Macoupin	31	8	957	Feb. 6, 1922
Spiller, Edd	Royalton	Franklin	26	11	897	Dec. 5, 1921
Stallons, Frank	Herrin	Williamson	38	21	1001	April 17, 1922
Stallons, Fred	Bartonville	Peoria	35	19	994	do
Steidner, Martin	Murphysboro	Jackson	36	18	890	Dec. 5, 1921
Stein, Fred L.	Peoria	Peoria	27	4	995	April 17, 1922
Stephens, Otto T.	DuQuoin	Perry	38	20	892	Dec. 5, 1921
Stevens, Vern	Pinckneyville	do	34	16	887	do
Steward, Karl	Staunton	Macoupin	27	10	1012	April 17, 1922
Stille, Albert	Staunton	Macoupin	35	20	1013	do
Stinart, Vern	Mt. Olive	do	28	10	852	Dec. 5, 1921
Story, Charles	Johnston City	Williamson	44	30	856	do
Strebeck, John	Mt. Olive	Macoupin	34	17	920	Feb. 6, 1922
Sudbring, Alfred	Collinsville	Madison	27	6	904	Dec. 5, 1921
Taylor, Hawkins	Pinckneyville	Perry	40	8	869	do
Taylor, Marshal	Benton	Franklin	35	19	815	Sept. 12, 1921
Terando, Joseph L.	Zeigler	do	24	4	1031	April 17, 1922
Tester, Chris	Bartonville	Peoria	43	29	992	do
Thimming, Ben	DuQuoin	Perry	32	18	773	Sept. 12, 1921
Thompson, Charles E.	Frankfort Heights	Franklin	39	25	814	do
Thompson, John H.	West Frankfort	do	27	13	899	Dec. 5, 1921
Thompson, John	Frankfort Heights	do	38	24	930	Feb. 6, 1922
Thrush, Frank	Peoria	Peoria	28	12	997	April 17, 1922
Thrush, Jesse J.	do	do	21	6	991	do
Tippins, Sidney A.	Gillespie	Macoupin	28	12	1008	do
Tobenick, John F.	Collinsville	Madison	47	35	959	Feb. 6, 1922
Tom, T. B.	Carterville	Williamson	42	8	883	Sept. 12, 1921
Torresco, Mike	Mt. Olive	Macoupin	21	5	928	Feb. 6, 1922
Towers, Thomas	Christopher	Franklin	39	20	875	Dec. 5, 1921
Trogolo, Joe	do	do	28	9	790	Sept. 12, 1921
Truetschler, Curt	Mt. Olive	Macoupin	42	25	981	April 17, 1922
Truetschler, Frank	do	do	25	9	984	do
Vancil, Martin	Harrisburg	Saline	29	7	771	Sept. 12, 1921
Voyles, Guy	Mt. Olive	Macoupin	26	6	848	Dec. 5, 1921
Wallace, Hugh	Eldorado	Saline	44	32	1029	April 17, 1922
Walker, Ike	DuQuoin	Perry	40	26	1049	do
Ware, Charles H.	West Frankfort	Franklin	29	16	861	Dec. 5, 1921
Watson, Robert	New Baden	Clinton	32	16	835	Sept. 12, 1921
Weaver, Ralph	Royalton	Franklin	23	4	1017	April 17, 1922
Weighill, William	Pontiac	Livingston	37	24	949	Feb. 6, 1922
Wenschoff, F. W.	Mt. Olive	Macoupin	37	23	985	April 17, 1922
Wenskinsky, Julius	Breese	Clinton	48	33	871	Dec. 5, 1921
Wheaton, Dan	DuQuoin	Perry	28	7	782	Sept. 12, 1921
Wieland, Christian C.	Springfield	Sangamon	25	9	843	Dec. 5, 1921
Williams, Elmer	Benton	Franklin	21	5	868	do
Williams, Harry A.	Hurst	Williamson	32	12	886	do
Wiley, Sherman	Harrisburg	Saline	35	16	894	do
Wiley, Marion L.	do	do	33	15	976	Feb. 6, 1922
Wilson, Robt. E.	DuQuoin	Perry	31	21	938	do
Wilson, W. Guy	do	do	38	17	1030	April 17, 1922
Wilson, W. H.	Johnston City	Williamson	36	22	816	Sept. 12, 1921
Wilkinson, Percy	Troy	Madison	42	29	1047	April 17, 1922
Wingo, Sherman C.	West Frankfort	Franklin	28	11	1037	do
Wise, Edward J.	Troy	Madison	34	12	940	Feb. 6, 1922
Wood, A. C.	West Frankfort	Franklin	44	18	933	do
Wood, Neal	Christopher	do	32	15	823	Sept. 12, 1921
Wray, John	Staunton	Macoupin	23	6	910	Dec. 5, 1921
Yancik, Joe	Mt. Olive	do	23	8	927	Feb. 6, 1922
Yancik, John S.	do	do	25	8	989	April 17, 1922
Yates, Oliver	DuQuoin	Perry	28	7	1033	do
Youldulis, Joseph	Coello	Franklin	26	8	866	Dec. 5, 1921
Young, John	Benton	do	47	32	972	Feb. 6, 1922
Yule, Lody A.	Murphysboro	Jackson	28	12	784	Sept. 12, 1921

HOISTING ENGINEERS, FIRST CLASS

Name	Post office	County	Age	Year experience	Number of certificate	Date of examination, July 1, 1921, to June 30, 1922
Allen, W. M.	Peoria	Peoria	29	8	429	Dec. 5, 1921
Anderson, James	Divernon	Sangamon	48	4	459	April 17, 1922
Armstrong, Ira	Harrisburg	Saline	40	3	455	do
Beauford, G. R.	West Frankfort	Franklin	49	7	454	do
Becanon, W. Walter	Peoria	Peoria	25	2 1/2	456	do
Beckes, Lloyd	Pinckneyville	Perry	28	4	453	do
Benson, D. Ralph	Sparta	Randolph	24	2 1/4	461	do
Berresford, Robt. D.	Toluca	Marshall	35	9	423	Dec. 5, 1921
Billings, William	Marion	Williamson	33	12	416	do
Borum, Herman	Pittsburg	do	38	4	418	do
Brase, P. H.	Worden	Madison	29	2	417	do
Breese, David C.	Belleville	St. Clair	22	3	460	April 17, 1922
Buck, John L.	Assumption	Christian	35	5	425	Dec. 5, 1921
Buskohl, John C.	Mt. Olive	Macoupin	35	4	436	Feb. 6, 1922
Cady, W. C.	Farmington	Fulton	45	2	428	Dec. 5, 1921
Caldwell, Walker	Odin	Marion	27	3	420	do
Casey, Ward	Carterville	Williamson	31	2 1/2	410	Sept. 12, 1921
Cherry, Bert L.	Carlinville	Macoupin	32		442	April 17, 1922
Cogle, Melvyn	Eldorado	Saline	21	3 1/2	439	Feb. 6, 1922
Craddock, Jesse J.	Auburn	Sangamon	31	6	431	Dec. 5, 1921
Dagon, Frank	Hillshoro	Montgomery	37	2 1/3	413	Sept. 12, 1921
Davis, Daniel B.	Harrisburg	Saline	32	4	451	April 17, 1922
DeSart, Thos. Elmer	Carlinville	Macoupin	38	2 1/2	419	Dec. 5, 1921
Donnelly, Charles	Toluca	Marshall	36	9	422	do
Francisconi, Chas.	Carlinville	Macoupin	31	5	441	Feb. 6, 1922
Gerstenecker, James A.	Collinsville	Madison	28	2	424	Dec. 5, 1921
Greene, D. W.	Gillespie	Macoupin	36	4	447	April 17, 1922
Greene, T. D.	do	do	34	4	445	do
Harris, John W.	Tan araa	Perry	28	3	415	Sept. 12, 1921
Hazel, W. E.	Benton	Franklin	25	2 1/2	438	Feb. 6, 1922
Holland, James	Springfield	Sangamon	32	4	433	do
Honea, I. T.	Peoria	Peoria	42	3	415	April 17, 1922
Jackson, Wm. N.	Troy	Madison	31	8	437	Feb. 6, 1922
Jones, Harry	Springfield	Sangamon	34	2	409	Sept. 12, 1921
Kaiser, Louis	Braidwood	Will	44	14	412	do
Kennedy, C. W.	Norris City	White	42	7	450	April 17, 1922
Kennedy, J. W.	do	do	35	7	452	do
Klinkhardt, Theodore	DuQuoin	Perry	39	2 1/2	443	do
Lasswell, Clyde	Johnston City	Williamson	21	5	458	do
Meyer, Darby E.	O'Fallon	St. Clair	28	2	430	Dec. 5, 1921
Meyer, Oscar W.	do	do	33	3 1/4	414	Sept. 12, 1921
Paule, Gotlieb	Freeburg	St. Clair	29	2 1/2	435	Feb. 6, 1922
Paul, William	Collinsville	Madison	28	2 1/2	440	do
Poston, Charles R.	Assumption	Christian	37	5	457	April 17, 1922
Powers, C. A.	Pekin	Tazewell	49	2	446	do
Pugh, Solon G.	East St. Louis	St. Clair	64	5	449	do
Richards, Albert	Rushville	Schuyler	42	8	427	Dec. 5, 1921
Schultz, William	Danville	Vermilion	34		421	do
Sittig, John H.	Harrisburg	Saline	34	5	426	do
Strong, Walter J.	Collinsville	Madison	23	2 1/4	448	April 17, 1922
Tasker, Thomas H.	Carterville	Williamson	31	10	411	Sept. 12, 1921
Wagner, George W.	Willisville	Perry	43	3	463	April 17, 1922
Welch, Paul	Zeiler	Franklin	28	5	432	Feb. 6, 1922
Wilkening, Walter H.	O'Fallon	St. Clair	30	5	434	do
Williamson, Howard C.	Sparta	Randolph	40	4	462	April 17, 1922

HOISTING ENGINEERS—SECOND CLASS

Name	Post office	County	Age	Years expe- rience	Num- ber of cer- tifi- cate	Date of examination, July 1, 1921, to June 30, 1922
Baker, J. W.	Canton	Fulton	43	2	45	April 17, 1922
Derry, James	Astoria	do	38		38	Dec. 5, 1921
Doe, Eugene	Peoria	Peoria	50	3	46	April 17, 1922
Fraikes, Frank	Lewistown	Fulton	32	2	39	Feb. 6, 1922
Johnson, John E.	Bradford	Stark	50	3	44	April 17, 1922
Lamb, W. T.	Kewanee	Henry	45	8	41	do
McCartney, M. J.	Gerlaw	Warren	38	10	40	Feb. 6, 1922
Müller, Frank	Pleasant Plains	Sangamon	28	21½	42	April 17, 1922
Schlecte, Fred	Okawville	Washington	37	10	43	do

